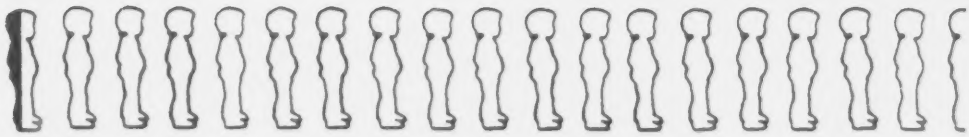
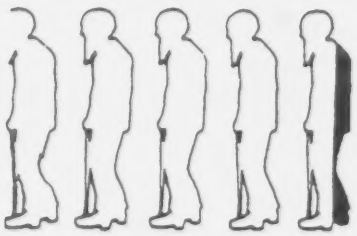
S 782-1-U

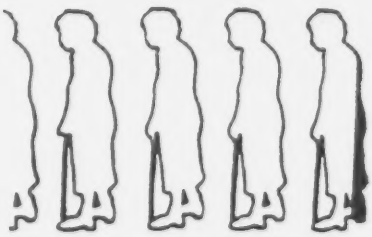
1989 utah's vital statistics



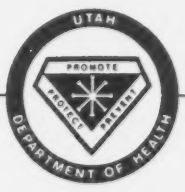
births



deaths



STATE OF UTAH
DEPARTMENT OF HEALTH
DIVISION OF HEALTH CARE RESOURCES
BUREAU OF VITAL RECORDS & HEALTH STATISTICS



UTAH'S VITAL STATISTICS ANNUAL REPORT: 1989

JOHN E. BROCKERT, M.S., M.P.H.
DIRECTOR
BUREAU OF VITAL RECORDS AND HEALTH STATISTICS

UTAH DEPARTMENT OF HEALTH
DIVISION OF HEALTH CARE RESOURCES
BUREAU OF VITAL RECORDS AND HEALTH STATISTICS
P. O. BOX 16700
SALT LAKE CITY, UTAH 84116-0700

MARCH 17, 1992

TECHNICAL REPORT NO. 148

THIS REPORT WAS PARTIALLY SUPPORTED BY CONTRACT NUMBER 200-89-7246 AWARDED BY THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES IN SUPPORT OF THE VITAL STATISTICS COOPERATIVE PROGRAM OF THE NATIONAL CENTER FOR HEALTH STATISTICS.

PREFACE

This report contains data about vital events experienced by Utah's residents in 1989. The source of these data is approximately 45,000 birth and death certificates registered for 1989 in the Bureau of Vital Records and Health Statistics, Utah Department of Health.

The purpose of this report is to provide needed data for planners, students, researchers, public officials, private business and the general public. Data are presented for the State of Utah, the local health districts, and each of their counties. Marriage and divorce statistics are provided as totals in this report. Another report of the Bureau treats them more extensively.

The first section of this report contains current annual and historical tables which provide trends in births, deaths and population for the State. This is followed by a section of reference tables with more detailed information about births and deaths for the current year. A listing of other available tables appears at the end of the Contents. These tabulations will be provided by the Bureau of Vital Records and Health Statistics upon request. The last section of the report is the Technical Appendix with information on the sources, quality and limitations of data.

In 1989, the Bureau added questions about life style (or risk factors) which could affect the outcome of the pregnancy and/or the health of the infant. Two of these questions are concerned with smoking and alcohol consumption during the current pregnancy. This report contains several tables involving these factors, Tables 15, 16 and Figures 5 and 6, in the first section and Tables A-21 and A-22 with the reference tables. There were also several other new items included in the 1989 revision of the Utah Certificate of Live Birth (Technical Appendix, Figure A-2) which are not tabulated in this report. Persons interested in data from these items should contact the Bureau of Vital Records and Health Statistics for additional information.

This report has been completed by the staff of the Bureau of Vital Records and Health Statistics under the direction of John E. Brockert, Director. Gery Moore was primarily responsible for preparation of this report. The manuscript was prepared for printing by Nola Hanson.

CONTENTS

	PAGE
SUMMARY TABLES.	1
REFERENCE TABLES.	23
TECHNICAL APPENDIX.	106

SUMMARY TABLES

1 STATISTICAL SUMMARY, ESTIMATED MIDYEAR POPULATION, BIRTHS, DEATHS, MATERNAL DEATHS, INFANT DEATHS, FETAL DEATHS, MARRIAGES, DIVORCES AND ANNULMENTS: UTAH, 1940-1989 1

2 BIRTHS, DEATHS, NATURAL INCREASE, INFANT DEATHS, MARRIAGE, DIVORCE AND ANNULMENT RATES AND SPONTANEOUS FETAL DEATH RATIOS: UTAH AND UNITED STATES, 1950-1989 2

3 STATISTICAL SUMMARY, ESTIMATED MIDYEAR POPULATION BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS AND ABORTIONS BY LOCAL HEALTH DISTRICT AND COUNTY OF RESIDENCE: UTAH, 1989 4

4 BIRTHS BY LOCAL HEALTH DISTRICT AND COUNTY OF RESIDENCE: UTAH, 1980-1989 5

5 CENSUS OF POPULATION AND INTERCENSAL ESTIMATES BY LOCAL HEALTH DISTRICT AND COUNTY: UTAH, APRIL 1, 1980 AND JULY 1, 1980-1989 6

6 POPULATION DENSITY BY LAND AREAS (FRONTIER, RURAL AND URBAN) AND COUNTIES: UTAH, 1989 7

7 POPULATION, BIRTHS AND DEATHS BY LAND AREAS, RESIDENTS: UTAH, 1989 8

8 INFANT DEATHS, TOTAL, NEONATAL AND POSTNEONATAL, BY LAND AREAS, RESIDENTS: UTAH, 1989 8

9 FETAL DEATHS, LOW WEIGHT BIRTHS, OUT-OF-WEDLOCK BIRTHS AND ABORTIONS BY LAND AREAS, RESIDENTS: UTAH, 1989 . . . 8

10 BIRTHS, POPULATION AND FERTILITY RATES, RESIDENT FEMALES 15-44 YEARS OF AGE: UTAH AND UNITED STATES, 1950, 1955, 1960, 1965, AND 1970-1989 9

11 GENDER RATIO, NUMBER OF MALES PER 100 FEMALE BIRTHS, UTAH AND UNITED STATES, 1970-1989 10

12 LOW BIRTH WEIGHT PERCENTAGE BY RACE, LESS THAN 2,500 GRAMS, UTAH AND UNITED STATES, 1970-1989 11

13 OUT-OF-WEDLOCK BIRTHS BY AGE OF WOMAN, RESIDENTS: UTAH, 1970-1989 12

14 OUT-OF-WEDLOCK BIRTHS PER 1,000 LIVE BIRTHS BY AGE OF WOMAN, RESIDENTS: UTAH, 1970-1989 12

15 PERCENTAGE DISTRIBUTION OF MOTHERS BY SMOKING STATUS AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989 . . 13

16 PERCENTAGE DISTRIBUTION OF MOTHER BY ALCOHOL USE (DRINKS PER WEEK) AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989 13

17 LEADING CAUSES OF DEATH: UNITED STATES AND UTAH, 1989 15

18 DEATHS BY SELECTED CAUSES, RESIDENTS: UTAH, 1979-1989 16

19 DEATH RATES BY SELECTED CAUSES, RESIDENTS: UTAH, 1979-1989 17

20 EXPECTED YEARS OF LIFE AND WORKING YEARS OF LIFE LOST BY UNDERLYING CAUSE OF DEATH, RESIDENTS: UTAH, 1989 . 18

21 INFANT DEATH RATES BY AGE AT DEATH, RESIDENTS: UTAH, 1960-1989 19

22 DEATHS BY LOCAL HEALTH DISTRICT AND COUNTY OF RESIDENCE: 1980-1989 20

23 DEATHS BY SELECTED CAUSE, SPANISH AND NON-SPANISH ORIGIN, RESIDENTS: UTAH, 1989 21

24 DEATHS BY AGE, SPANISH AND NON-SPANISH ORIGIN, RESIDENTS: UTAH, 1989 21

25 DEATHS DUE TO VIOLENCE AND RATES BY TYPE, RESIDENTS: UTAH, 1988-1989, AND UNITED STATES, 1989 22

26 DEATHS DUE TO SUICIDE BY AGE, GENDER AND YEAR, RESIDENTS: UTAH, 1976-1989 23

FIGURES

1 ESTIMATED RESIDENT POPULATION JULY 1, EACH YEAR: UTAH 1940-1989 3

2 CRUDE BIRTH RATES: UTAH AND UNITED STATES, 1950-1989 . . 3

3 CRUDE DEATH RATES: UTAH AND UNITED STATES, 1950-1989 . . 3

4 RATE OF NATURAL INCREASE: UTAH AND UNITED STATES 1950-1989 3

5 PERCENTAGE DISTRIBUTION OF INFANT'S BIRTH WEIGHT AND MOTHER'S SMOKING STATUS, RESIDENTS: UTAH, 1989 14

6 PERCENTAGE DISTRIBUTION OF INFANT'S BIRTH WEIGHT AND MOTHER'S ALCOHOL USE STATUS, RESIDENTS: UTAH, 1989 . . 14

7 INFANT MORTALITY RATES: UTAH AND UNITED STATES 1950-1989 19

REFERENCE TABLES

A-1 BIRTHS BY GENDER, ATTENDANT, HOSPITAL DELIVERY AND MOTHER'S HEALTH DISTRICT, COUNTY OF OCCURRENCE: UTAH, 1989 27

A-2 BIRTHS BY GENDER, NUMBER BORN, BIRTH ORDER, AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 . . . 28

A-3 BIRTHS BY MONTH OF OCCURRENCE AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 29

A-4 BIRTHS BY AGE OF MOTHER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 30

A-5 BIRTHS BY RACE OF INFANT AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 31

A-6 BIRTHS BY BIRTH WEIGHT OF INFANT AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 32

A-7 BIRTHS BY MONTH PRENATAL CARE BEGAN BY NUMBER OF PRENATAL VISITS, RESIDENTS: UTAH, 1989 33

A-8 BIRTHS BY MONTH PRENATAL CARE BEGAN AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 . . . 34

A-9 BIRTHS BY NUMBER OF PRENATAL VISITS AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 35

A-10 BIRTHS BY RACE, BIRTH ORDER OF INFANT AND AGE OF MOTHER, RESIDENTS: UTAH, 1989 36

A-11 BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND MONTH PRENATAL CARE BEGAN, RESIDENTS: UTAH, 1989 38

A-12 BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND NUMBER OF PRENATAL VISITS, RESIDENTS: UTAH, 1989 40

A-13 BIRTHS BY RACE, GENDER AND BIRTH WEIGHT OF INFANT: RESIDENTS: UTAH, 1989 42

A-14 BIRTHS BY GESTATION PERIOD AND BIRTH WEIGHT OF INFANT RESIDENTS: UTAH, 1989 43

A-15 BIRTHS BY NUMBER OF PREVIOUS BIRTHS, AGE AND EDUCATION OF MOTHER, RESIDENTS: UTAH, 1989 44

A-16 BIRTHS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1989 45

A-17 BIRTHS TO UNMARRIED MOTHERS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1989 46

A-18 BIRTHS TO UNMARRIED MOTHERS BY AGE AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 47

A-19 BIRTHS BY MARITAL STATUS OF MOTHER, RACE OF INFANT AND AGE OF MOTHER, RESIDENTS: UTAH, 1989 48

A-20 BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989 49

A-21 BIRTHS BY TOBACCO USE/CIGARETTES PER DAY BY MOTHER AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989 . . 50

A-22 BIRTHS BY ALCOHOL USE/DRINKS PER WEEK BY MOTHER AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989 51

A-23 BIRTHS BY FIVE-MINUTE APGAR SCORE AND BIRTH WEIGHT OF INFANT: UTAH, 1989 52

A-24 BIRTHS BY MOTHERS OF SPANISH ORIGIN BY MOTHER'S AGE AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989 . 53

A-25 BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND NUMBER OF PRENATAL VISITS TO MOTHERS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989 54

A-26 BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND MONTH PRENATAL CARE BEGAN WHERE MOTHER IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989 56

A-27 BIRTHS BY MARITAL STATUS OF MOTHER, RACE OF INFANT AND AGE OF MOTHER WHERE MOTHER IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989 58

A-28 BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1989 59

A-29 BIRTHS UNDER 2,500 GRAMS, FETAL DEATHS AND SELECTED CAUSES OF INFANT DEATH BY INSTITUTION, COUNTY OF OCCURRENCE: UTAH, 1989 63

A-30 FETAL DEATHS BY HEALTH DISTRICT, COUNTY OF RESIDENCE AND AGE OF MOTHER: UTAH, 1989 67

A-31 FETAL DEATHS BY SELECTED CAUSES AND GENDER, RESIDENTS: UTAH, 1989 68

A-32 DEATHS TO INFANTS FOR SELECTED CAUSES BY GENDER, RACE AND AGE, RESIDENTS: UTAH, 1989 69

A-33 DEATHS UNDER ONE YEAR OF AGE BY RESIDENCE OF MOTHER AND AGE AT DEATH: UTAH, 1989 72

A-34 DEATHS BY HEALTH DISTRICT, COUNTY OF RESIDENCE AND MONTH OF OCCURRENCE: UTAH, 1989 73

A-35 DEATHS BY HEALTH DISTRICT, COUNTY OF RESIDENCE, RACE AND GENDER: UTAH, 1989 74

A-36 DEATHS BY AGE, RACE AND GENDER, RESIDENTS: UTAH, 1989 75

A-37 DEATHS BY HEALTH DISTRICT, COUNTY OF RESIDENCE, AGE AND GENDER: UTAH, 1989 76

A-38 DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989 79

A-39 DEATHS BY SELECTED CAUSES AND AGE, RESIDENTS: UTAH, 1989 87

A-40 DEATHS BY HEALTH DISTRICT, COUNTY OF OCCURRENCE BY PLACE WHERE DEATH OCCURRED: UTAH, 1989 90

A-41 DEATHS DUE TO VIOLENCE BY AGE, GENDER AND CAUSE, RESIDENTS: UTAH, 1989 91

A-42 DEATHS DUE TO VIOLENCE BY HEALTH DISTRICT, COUNTY OF RESIDENCE AND CAUSE: UTAH, 1989 92

A-43 DEATHS DUE TO VIOLENCE BY RACE, GENDER AND CAUSE, RESIDENTS: UTAH, 1989 93

A-44 DEATHS DUE TO ACCIDENTS BY MONTH OF DEATH AND TYPE OF ACCIDENT, OCCURRENCES: UTAH, 1989 94

A-45 DEATHS DUE TO ACCIDENTS BY TYPE OF ACCIDENT, AGE AND GENDER OF DECEDENT, OCCURRENCES: UTAH, 1989 95

A-46 DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989 96

A-47 DEATHS BY HEALTH DISTRICT, COUNTY OF RESIDENCE, AGE AND GENDER WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989 102

APPENDIX FIGURES

A-1 LOCATION OF LOCAL REGISTRARS OF VITAL STATISTICS: UTAH, 1989 108

A-2 CERTIFICATE OF LIVE BIRTH 110

A-3 CERTIFICATE OF DEATH 112

A-4 CERTIFICATE OF FETAL DEATH 113

TABLES NOT INCLUDED IN THIS REPORT BUT AVAILABLE UPON REQUEST

B-1 RESIDENT MORTALITY, DIAGNOSIS BY AGE, GENDER AND AUTOPSY: UTAH, 1989

B-2 BIRTHS BY SELECTED CITY OF RESIDENCE AND AGE OF MOTHER: UTAH, 1989

B-3 BIRTHS BY ONE-MINUTE APGAR SCORE AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

B-4 BIRTHS TO UTAH RESIDENTS THAT OCCURRED OUT-OF-STATE AND BIRTHS TO OUT-OF-STATE RESIDENTS THAT OCCURRED IN-STATE: UTAH, 1989

B-5 BIRTHS BY HEALTH DISTRICT, COUNTY OF RESIDENCE WITH ONE OR MORE CONDITIONS REPORTED WHERE MOTHER IS OF SPANISH ORIGIN: UTAH, 1989

B-6 BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT OF INFANT WHERE MOTHER IS OF SPANISH ORIGIN: UTAH, 1989

B-7 BIRTHS BY MOTHER'S AGE AND BIRTH WEIGHT OF INFANT, WITH MOTHER OF SPANISH ORIGIN: UTAH, 1989

B-8 PERCENT DISTRIBUTION OF MOTHERS BY SMOKING STATUS AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

B-9 PERCENT DISTRIBUTION OF MOTHERS WHO SMOKED DURING PREGNANCY BY AVERAGE NUMBER SMOKED DAILY AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

B-10 BIRTHS TO MOTHERS WHO SMOKED DURING PREGNANCY BY AVERAGE NUMBER OF CIGARETTES SMOKED DAILY AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

B-11 BIRTHS BY BIRTH WEIGHT OF INFANT AND SMOKING STATUS OF MOTHER, RESIDENTS: UTAH, 1989

B-12 BIRTHS BY TOBACCO USE/AVERAGE NUMBER OF CIGARETTES PER DAY AND AGE OF MOTHER, RESIDENTS: UTAH, 1989

B-13 BIRTHS BY TOBACCO USE/AVERAGE NUMBER OF CIGARETTES PER DAY BY MOTHER AND NUMBER OF PRENATAL VISITS, RESIDENTS: UTAH, 1989

B-14 BIRTHS BY ALCOHOL USE/AVERAGE NUMBER OF DRINKS PER WEEK AND AGE OF MOTHER, RESIDENTS: UTAH, 1989

B-15 BIRTHS BY ALCOHOL USE/AVERAGE NUMBER OF DRINKS PER WEEK BY MOTHER AND AND NUMBER OF PRENATAL VISITS, RESIDENTS: UTAH, 1989

B-16 DEATHS BY CITY OF RESIDENCE, AGE AND GENDER: UTAH, 1989

B-18 INFANT DEATHS BY RESIDENCE OF MOTHER WITH MOTHER OF SPANISH ORIGIN: UTAH, 1989

B-19 DEATHS BY AGE AND GENDER FROM DISEASES OF THE CIRCULATORY SYSTEM: UTAH, 1989

B-20 DEATHS DUE TO SUICIDE BY AGE, GENDER AND METHOD OF SUICIDE, RESIDENTS: UTAH, 1989

B-21 DEATHS DUE TO FIREARMS, EXPLOSIVES, AND MISSILES BY CAUSE, GENDER AND AGE, RESIDENTS: UTAH, 1989

B-22 DEATHS DUE TO POISONING BY CAUSE, GENDER AND AGE, RESIDENTS: UTAH, 1989

B-24 DEATHS BY LOCAL HEALTH DISTRICT AND COUNTY WHERE ACCIDENT OCCURRED AND CAUSE: UTAH, 1989

B-25 DEATHS DUE TO MOTOR VEHICLE ACCIDENTS OCCURRING IN-STATE BY LOCAL HEALTH DISTRICT AND COUNTY OF DEATH AND TYPE OF ACCIDENT: UTAH, 1989

B-26 DEATHS DUE TO MOTOR VEHICLE ACCIDENTS OCCURRING IN-STATE BY LOCAL HEALTH DISTRICT AND COUNTY OF DEATH AND TYPE OF ACCIDENT: UTAH, 1989

B-27 DEATHS DUE TO MOTOR VEHICLE ACCIDENTS BY AGE, GENDER AND TYPE OF ACCIDENT: UTAH, 1989

B-28 DEATHS DUE TO MOTOR VEHICLE ACCIDENTS BY ROLE IN ACCIDENT, GENDER AND TYPE OF ACCIDENT: UTAH, 1989

B-29 DEATHS DUE TO PUBLIC NON-MOTOR VEHICLE ACCIDENTS (EXCLUDING OCCURRENCES AT RESIDENCES) BY LOCAL HEALTH DISTRICT AND COUNTY OF OCCURRENCE AND TYPE OF ACCIDENT WHEN DECEDENT DIED IN-STATE: UTAH, 1989

B-30 DEATHS DUE TO PUBLIC NON-MOTOR VEHICLE ACCIDENTS EXCLUDING OCCURRENCES AT RESIDENCES BY TYPE OF ACCIDENT, AGE AND GENDER OF DECEDENT, OCCURRENCES: UTAH, 1989

B-31 DEATHS DUE TO ACCIDENTS AT RESIDENCES BY TYPE OF ACCIDENT, AGE AND GENDER OF DECEDENT, OCCURRENCES: UTAH, 1989

B-32 DEATHS DUE TO ACCIDENTS AT WORK BY LOCAL HEALTH DISTRICT AND COUNTY OF DECEDENT, OCCURRENCES: UTAH, 1989

B-33 DEATHS DUE TO ACCIDENTS AT WORK BY LOCAL HEALTH DISTRICT AND COUNTY OF OCCURRENCE AND TYPE OF ACCIDENT WHEN DECEDENT DIED IN-STATE: UTAH, 1989

B-34 DEATHS DUE TO ACCIDENTS AT WORK BY AGE OF DECEDENT AND TYPE OF ACCIDENT WHEN DECEDENT DIED IN-STATE: UTAH, 1989

B-35 DEATHS DUE TO ACCIDENTS BY MONTH OF ACCIDENT AND TYPE OF ACCIDENT, OCCURRENCES: UTAH, 1989

B-36 DEATHS BY STATE OF OCCURRENCE, 1989

B-37 DEATHS DUE TO SUICIDE BY AGE AND RESIDENCE: UTAH, 1989

B-38 DEATHS TO INFANTS BY RACE, AGE AND COUNTY OF OCCURRENCE: UTAH, 1989

B-39 DEATHS FOR SELECTED CAUSE AND AGE, WHERE DECEDENT IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989

TABLE 1

STATISTICAL SUMMARY, ESTIMATED MIDYEAR POPULATION, BIRTHS, DEATHS, MATERNAL DEATHS, INFANT DEATHS, FETAL DEATHS, MARRIAGES, DIVORCES AND ANNULMENTS: UTAH, 1940-1989

YEAR	ESTIMATED MIDYEAR POPULATION	BIRTHS	DEATHS	MATERNAL DEATHS	INFANT DEATHS	FETAL DEATHS	MARRIAGES	DIVORCES AND ANNULMENTS
1989	1,715,000	35,558	9,223	0	285	226	18,598	8,110
1988	1,695,000	36,040	9,185	1	287	190	17,376	8,080
1987	1,680,000	35,285	9,055	2	312	252	16,745	8,985
1986	1,665,000	36,383	8,886	1	310	238	17,119	8,589
1985	1,645,000	37,441	9,044	6	361	263	17,461	8,719
1984	1,624,000	38,286	8,944	6	350	263	17,981	8,262
1983	1,596,000	39,441	8,484	3	344	270	18,437	8,525
1982	1,559,000	41,537	8,502	6	457	272	18,705	8,413
1981	1,516,000	41,286	8,263	1	403	316	18,346	8,259
1980	1,474,000	41,786	8,103	3	435	302	17,079	7,957
1979	1,416,000	41,078	7,871	6	438	317	16,713	7,594
1978	1,364,000	38,811	7,871	2	443	283	16,489	7,175
1977	1,316,000	37,956	7,612	5	381	318	15,098	6,947
1976	1,272,000	35,310	7,472	7	414	275	14,693	6,170
1975	1,234,000	31,667	7,519	7	415	257	14,858	6,131
1974	1,197,000	29,946	7,380	2	364	286	15,164	5,670
1973	1,169,000	27,978	7,573	5	354	219	14,840	5,137
1972	1,135,000	26,911	7,323	12	360	263	13,911	4,876
1971	1,101,000	27,552	7,245	2	382	258	12,497	4,419
1970	1,066,000	26,969	7,063	6	405	298	11,938	3,912
1969	1,047,000	24,232	6,791	4	382	238	11,633	3,841
1968	1,029,000	23,193	6,882	3	410	240	11,558	3,390
1967	1,019,000	22,948	6,516	3	383	241	10,220	3,288
1966	1,009,000	22,601	6,850	5	414	222	9,623	3,090
1965	991,000	22,261	6,672	5	419	224	8,736	2,872
1964	978,000	23,844	6,404	3	482	237	8,525	2,895
1963	974,000	24,952	6,544	4	464	288	8,194	2,659
1962	958,000	26,213	6,325	9	525	290	7,651	2,480
1961	936,000	26,590	6,081	7	538	263	7,401	2,360
1960	900,000	26,272	5,997	5	517	276	7,119	2,167
1959	870,000	25,645	5,879	10	514	321	6,734	2,179
1958	845,000	25,384	5,809	10	564	325	6,600	2,002
1957	826,000	26,064	5,696	8	561	317	6,672	1,565
1956	809,000	24,971	5,224	7	571	320	6,657	2,189
1955	783,000	24,602	5,092	7	507	330	6,294	2,059
1954	750,000	24,305	4,992	6	506	325	6,295	2,140
1953	739,000	23,583	5,084	5	565	301	6,926	2,433
1952	724,000	23,732	5,188	11	590	313	6,752	2,331
1951	706,000	22,769	4,895	10	565	276	6,843	2,271
1950	696,000	21,192	4,974	7	506	256	7,110	2,107
1949	671,000	21,164	4,929	5	527	297	6,402	2,166
1948	653,000	20,714	5,070	12	550	298	7,327	2,199
1947	636,000	21,724	4,996	17	545	303	7,965	2,927
1946	638,000	18,220	4,785	25	496	293	9,781	3,434
1945	591,000	15,680	4,859	21	488	268	7,034	2,651
1944	605,000	16,043	4,727	22	548	248	6,262	2,995
1943	631,000	16,940	4,713	27	539	275	6,705	1,982
1942	575,000	15,520	4,622	27	522	281	6,081	1,433
1941	551,000	13,227	4,347	26	402	268	7,263	1,360
1940	554,000	13,347	4,845	36	539	253	8,254	1,500

NOTES: THE POPULATION ESTIMATES FOR 1940-1959 WERE REVISED TO AGREE WITH U.S. CENSUS ESTIMATES IN UTAH'S VITAL STATISTICS, ANNUAL REPORT: 1977, WHILE THE ESTIMATES FOR 1971-1985 HAVE BEEN REVISED IN THIS ISSUE TO AGREE WITH THE UTAH POPULATION WORK COMMITTEE'S ESTIMATES. BOTH WILL NOT AGREE WITH PRIOR REPORTS IN THIS SERIES. RESIDENT LIVE BIRTHS AND DEATHS HAVE BEEN REVISED TO AGREE WITH EARLIER RECORDS OF THE DEPARTMENT OF HEALTH, AS FOLLOWS: BIRTHS 1941-1944, 1948-1956, AND DEATHS 1941-1944, 1949-1956.

TABLE 2

BIRTHS, DEATHS, NATURAL INCREASE, INFANT DEATHS, MARRIAGE, DIVORCE AND ANNULMENT RATES AND SPONTANEOUS FETAL DEATH RATIOS: UTAH AND UNITED STATES, 1950-1989

	BIRTH		DEATH		NATURAL INCREASE		INFANT DEATH		SPONTANEOUS FETAL DEATH		MARRIAGE		DIVORCE AND ANNULMENT	
YEAR	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.
1989	20.7	16.2	5.4	8.7	15.4	7.5	8.0	9.7	6.4	N.A.	10.8	9.7	4.8	4.7
1988	21.3	15.9	5.4	8.8	15.8	7.1	8.0	9.9	5.3	7.5	10.3	9.7	4.8	4.8
1987	21.0	15.7	5.4	8.7	15.6	7.0	8.8	10.1	7.1	7.7	10.0	9.9	5.3	4.8
1986	21.9	15.6	5.3	8.7	16.6	6.9	8.5	10.4	6.5	7.7	10.3	10.0	5.2	4.9
1985	22.8	15.8	5.5	8.7	17.3	7.1	9.6	10.6	7.0	7.9	10.6	10.1	5.3	5.0
1984	23.6	15.5	5.5	8.6	18.1	6.9	9.1	10.8	6.9	8.2	11.1	10.5	5.1	5.0
1983	24.7	15.5	5.3	8.6	19.4	6.9	8.7	11.2	6.8	8.5	11.6	10.5	5.3	4.9
1982	26.6	15.9	5.5	8.5	21.1	7.4	11.0	11.5	6.5	8.9	12.0	10.6	5.4	5.0
1981	27.2	15.8	5.5	8.6	21.7	7.2	9.8	11.9	7.7	9.0	12.1	10.6	5.4	5.3
1980	28.3	15.9	5.5	8.8	22.8	7.1	10.4	12.6	7.2	9.2	11.6	10.6	5.4	5.2
1979	29.0	15.6	5.6	8.5	23.4	7.1	10.7	13.1	7.7	9.4	11.8	10.4	5.4	5.3
1978	28.5	15.0	5.8	8.7	22.7	6.3	11.4	13.8	7.3	9.7	12.1	10.3	5.3	5.1
1977	28.8	15.1	5.8	8.6	23.0	6.5	10.0	14.1	8.4	9.9	11.4	9.9	5.3	5.0
1976	27.8	14.6	5.9	8.8	21.9	5.8	11.7	15.2	7.8	10.5	11.5	9.9	4.9	5.0
1975	25.7	14.6	6.1	8.8	19.6	5.8	13.1	16.1	8.1	10.7	12.0	10.0	5.0	4.8
1974	25.0	14.8	6.2	9.1	18.8	5.7	12.2	16.7	9.6	11.5	12.7	10.5	4.7	4.6
1973	23.9	14.8	6.5	9.3	17.4	5.5	12.7	17.7	7.8	12.2	12.7	10.8	4.4	4.3
1972	23.7	15.6	6.5	9.4	17.2	6.2	13.4	18.5	9.8	12.7	12.2	10.9	4.3	4.0
1971	25.0	17.2	6.6	9.3	18.4	7.9	13.9	19.1	9.4	13.4	11.3	10.6	4.0	3.7
1970	25.3	18.4	6.6	9.5	18.7	8.9	15.0	20.0	11.0	14.2	11.2	10.6	3.7	3.5
1969	23.1	17.9	6.5	9.5	16.6	8.4	15.8	20.9	9.8	14.1	11.1	10.6	3.7	3.2
1968	22.5	17.6	6.7	9.7	15.8	7.9	17.7	21.8	10.3	15.8	11.2	10.4	3.3	2.9
1967	22.5	17.8	6.4	9.4	16.1	8.4	16.7	22.4	10.5	15.6	10.0	9.7	3.2	2.6
1966	22.4	18.4	6.8	9.5	15.6	8.9	18.3	23.7	9.8	15.7	9.5	9.5	3.1	2.5
1965	22.5	19.4	6.7	9.4	15.8	10.0	18.8	24.7	10.1	16.2	8.8	9.3	2.9	2.5
1964	24.4	21.1	6.5	9.4	17.9	11.7	20.2	24.8	9.9	16.4	8.7	9.0	3.0	2.4
1963	25.6	21.7	6.7	9.6	18.9	12.1	18.6	25.2	11.5	15.8	8.4	8.8	2.7	2.3
1962	27.4	22.4	6.6	9.5	20.8	12.9	20.0	25.3	11.1	15.9	8.0	8.5	2.6	2.2
1961	28.4	23.3	6.5	9.3	21.9	14.0	20.2	25.3	9.9	16.1	7.9	8.5	2.5	2.3
1960	29.2	23.7	6.7	9.5	22.5	14.2	19.7	26.0	10.5	16.1	7.9	8.5	2.4	2.2
1959	29.5	24.0	6.8	9.4	22.7	14.6	20.0	26.4	12.5	16.2	7.7	8.5	2.5	2.2
1958	30.0	24.5	6.9	9.5	23.1	15.0	22.2	27.1	12.8	16.5	7.8	8.4	2.4	2.1
1957	31.6	25.3	6.9	9.6	24.7	15.7	21.5	26.3	12.2	16.3	8.1	8.9	1.9	2.2
1956	30.9	25.2	6.5	9.4	24.4	15.8	22.9	26.0	12.8	16.5	8.2	9.5	2.7	2.3
1955	31.4	25.0	6.5	9.3	24.9	15.7	20.6	26.4	13.4	17.1	8.0	9.3	2.6	2.3
1954	32.4	25.3	6.7	9.2	25.7	16.1	20.8	26.6	13.4	17.5	8.4	9.2	2.9	2.4
1953	31.9	25.1	6.9	9.6	25.0	15.5	24.0	27.8	12.8	17.8	9.4	9.8	3.3	2.5
1952	32.8	25.1	7.2	9.6	25.6	15.5	24.9	28.4	13.2	18.3	9.3	9.9	3.2	2.5
1951	32.2	24.9	6.9	9.7	25.3	15.2	24.9	28.4	12.2	18.8	9.7	10.4	3.2	2.5
1950	30.4	24.1	7.1	9.6	23.3	14.5	23.9	29.2	12.1	19.2	10.2	11.1	3.0	2.6

NOTES: THE RATES FOR UTAH'S RESIDENT BIRTHS, DEATHS, MARRIAGES AND DIVORCES, 1981-1984, WILL NOT AGREE WITH PREVIOUS ANNUAL REPORTS BECAUSE OF THE CHANGE IN THE STATE'S ESTIMATED POPULATION FOR THESE YEARS. THE RESIDENT BIRTH, DEATH, MARRIAGE AND DIVORCE RATES ARE PER 1,000 POPULATION. THE INFANT MORTALITY RATE AND SPONTANEOUS FETAL DEATH RATIO ARE PER 1,000 RESIDENT LIVE BIRTHS. THE BIRTH RATES FOR THE UNITED STATES 1950-1959 ARE ADJUSTED FOR UNDERREGISTRATION, AND IS PROVISIONAL FOR 1988 AND 1989.

SOURCE: UNITED STATES RATES, NATIONAL CENTER FOR HEALTH STATISTICS: "ANNUAL SUMMARY OF BIRTHS, MARRIAGES, DIVORCES, AND DEATHS: UNITED STATES, 1989," MONTHLY VITAL STATISTICS REPORT, 38,13, DHHS PUB. NO. (PHS) 90-1120, HYATTSVILLE, MD, AUGUST 30, 1990.

FIGURE 1

ESTIMATED RESIDENT POPULATION JULY 1, EACH YEAR: UTAH, 1940-1989

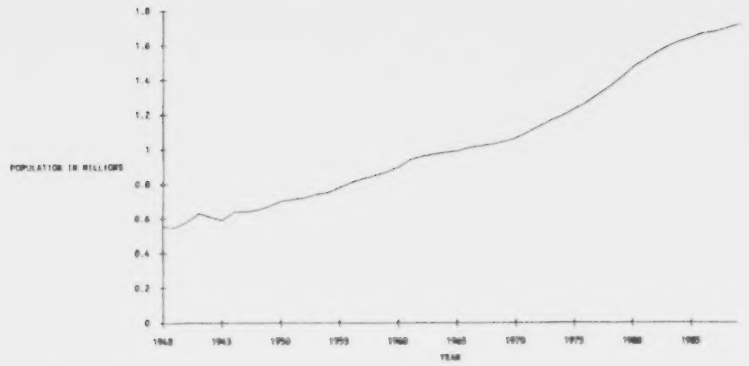


FIGURE 2

RATE OF NATURAL INCREASE: UTAH AND UNITED STATES 1950-1989

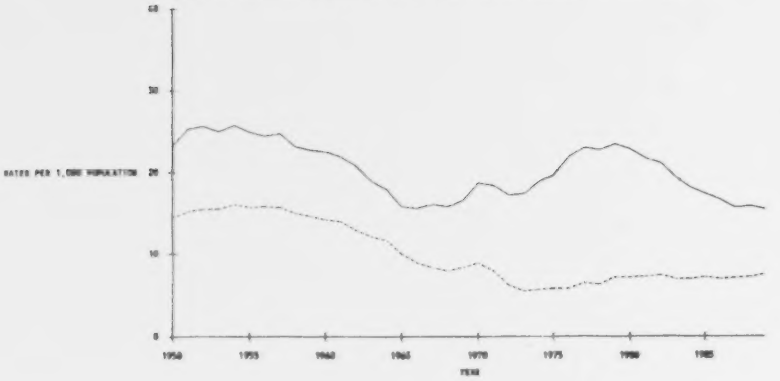
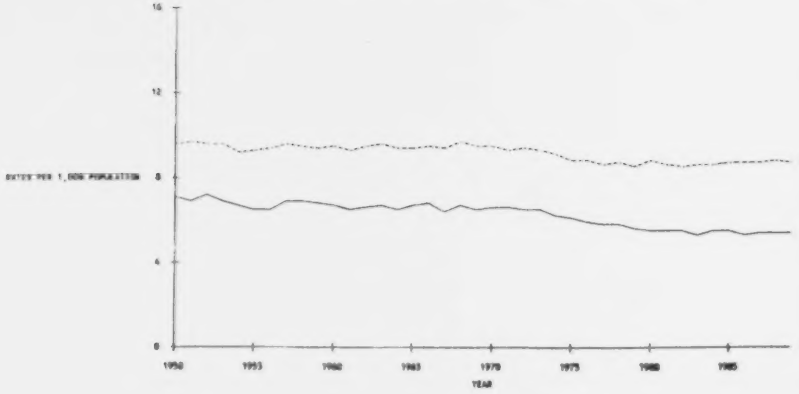


FIGURE 3

CRUDE BIRTH RATES: UTAH AND UNITED STATES, 1950-1989

FIGURE 4

CRUDE DEATH RATES: UTAH AND UNITED STATES, 1950-1989



UTAH ----U.S.

TABLE 3

STATISTICAL SUMMARY, ESTIMATED MIDYEAR POPULATION, BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS AND ABORTIONS BY LOCAL HEALTH DISTRICT AND COUNTY OF RESIDENCE: UTAH, 1989

HEALTH DISTRICT/ COUNTY OF RESIDENCE	ESTIMATED POPULATION 1 JULY 1989	BIRTHS		DEATHS		INFANT DEATHS		FETAL DEATHS		ABORTIONS	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	1,715,000	35,558	20.7	9,223	5.4	285	8.0	226	6.4	4,305	121.1
BEAR RIVER	111,950	2,382	21.3	551	4.9	16	6.7	13	5.5	164	68.8
BOX ELDER	38,400	700	18.2	227	5.9	5	- -	1	- -	37	52.9
CACHE	71,700	1,639	22.9	316	4.4	11	6.7	12	7.3	126	76.9
RICH	1,850	43	23.2	8	4.3	0	- -	0	- -	1	- -
CENTRAL UTAH	55,250	894	16.2	424	7.7	8	8.9	6	- -	32	35.8
JUAB	5,800	98	16.9	59	10.2	0	- -	1	- -	5	- -
MILLARD	13,000	228	17.5	70	5.4	2	- -	2	- -	12	52.6
PIUTE	1,550	14	9.0	18	11.6	0	- -	0	- -	0	- -
SANPETE	16,800	251	14.9	126	7.5	1	- -	0	- -	9	35.9
SEVIER	16,000	270	16.9	129	8.1	5	- -	3	- -	5	- -
WAYNE	2,100	33	15.7	22	10.5	0	- -	0	- -	1	- -
DAVIS	187,000	3,915	20.9	697	3.7	27	6.9	19	4.9	365	93.2
SALT LAKE	712,000	14,536	20.4	3,979	5.6	122	8.4	108	7.4	1,764	121.4
SOUTHEASTERN	52,300	954	18.2	346	6.6	10	10.5	6	- -	89	93.3
CARBON	21,500	304	14.1	178	8.3	2	- -	1	- -	41	134.9
EMERY	11,300	199	17.6	70	6.2	2	- -	1	- -	14	70.4
GRAND	6,500	105	16.2	36	5.5	0	- -	3	- -	23	219.0
SAN JUAN	13,000	346	26.6	62	4.8	6	- -	1	- -	11	31.8
SOUTHWEST	78,400	1,581	20.2	557	7.1	11	7.0	9	5.7	22	13.9
BEAVER	4,800	85	17.7	52	10.8	1	- -	0	- -	3	- -
GARFIELD	4,100	84	20.5	28	6.8	0	- -	1	- -	6	- -
IRON	19,500	429	22.0	98	5.0	5	- -	3	- -	5	- -
KANE	4,900	91	18.6	26	5.3	1	- -	0	- -	3	- -
WASHINGTON	45,100	892	19.8	353	7.8	4	- -	5	- -	5	- -
SUMMIT	14,000	246	17.6	44	3.1	0	- -	1	- -	87	353.7
TOOELE	27,800	424	15.3	183	6.6	1	- -	3	- -	63	148.6
UINTAH BASIN	34,450	686	19.9	178	5.2	6	- -	5	- -	46	67.1
DAGGETT	650	12	18.5	2	- -	0	- -	0	- -	0	- -
DUCHESNE	12,800	247	19.3	64	5.0	1	- -	1	- -	17	68.8
UINTAH	21,000	427	20.3	112	5.3	5	- -	4	- -	29	67.9
UTAH COUNTY	267,000	6,558	24.6	1,084	4.1	45	6.9	37	5.6	227	34.6
WASATCH	10,000	194	19.4	69	6.9	2	- -	1	- -	17	87.6
WEBER-MORGAN	164,850	3,188	19.3	1,111	6.7	36	11.3	18	5.6	429	134.6
MORGAN	5,850	95	16.2	34	5.8	0	- -	0	- -	4	- -
WEBER	159,000	3,093	19.5	1,077	6.8	36	11.6	18	5.8	425	137.4

NOTES: THE RATES FOR BIRTHS AND DEATHS ARE BASED ON THE NUMBER PER 1,000 POPULATION, WHILE THE RATES FOR INFANT DEATHS ARE PER 1,000 BIRTHS. THE RATIOS FOR ABORTIONS AND FETAL DEATHS ARE BASED ON THE NUMBER PER 1,000 BIRTHS. RATES AND/OR RATIOS ARE NOT COMPUTED FOR FEWER THAN SEVEN EVENTS.

TABLE 4

BIRTHS BY LOCAL HEALTH DISTRICT AND COUNTY OF RESIDENCE: UTAH, 1980-1989

LOCAL HEALTH DISTRICT AND COUNTY	LIVE BIRTHS BY YEAR									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	41,786	41,286	41,537	39,441	38,286	37,441	36,383	35,285	36,040	35,558
BEAR RIVER	2,775	2,864	2,747	2,779	2,572	2,607	2,371	2,393	2,498	2,382
BOX ELDER	902	932	857	868	869	789	785	755	776	700
CACHE	1,805	1,854	1,823	1,831	1,647	1,767	1,541	1,596	1,693	1,639
RICH	68	78	67	80	56	51	45	42	29	43
CENTRAL UTAH	1,322	1,310	1,341	1,289	1,308	1,210	1,086	1,009	941	894
JUAB	151	148	147	135	151	139	120	123	90	98
MILLARD	267	301	288	292	349	332	310	248	244	228
PIUTE	34	25	23	27	29	17	15	18	17	14
SANPETE	389	364	444	411	377	363	311	294	293	251
SEVIER	424	424	392	368	357	318	290	281	267	270
WAYNE	57	48	47	56	45	41	40	45	30	33
DAVIS	4,083	3,964	3,998	3,922	3,727	3,713	3,701	3,808	3,944	3,915
SALT LAKE	16,577	16,415	16,567	15,699	15,640	15,250	14,920	14,636	14,761	14,536
SOUTHEASTERN	1,585	1,555	1,589	1,430	1,249	1,095	1,093	1,010	942	954
CARBON	615	581	611	518	462	430	402	373	307	304
EMERY	421	380	472	396	288	246	253	199	187	199
GRAND	197	224	188	190	156	115	121	111	92	105
SAN JUAN	352	370	318	326	343	304	317	327	356	346
SOUTHWEST	1,594	1,630	1,562	1,533	1,530	1,619	1,576	1,476	1,589	1,581
BEAVER	123	117	106	115	111	92	87	69	69	85
GARFIELD	100	95	111	102	96	81	83	74	70	84
IRON	507	509	467	450	464	482	429	378	420	429
KANE	104	86	99	110	89	97	98	87	92	91
WASHINGTON	760	823	779	756	770	867	879	868	938	892
SUMMIT	256	244	267	268	257	266	253	212	232	246
TOOELE	632	669	629	548	537	496	542	500	464	424
UINTAH BASIN	1,107	1,183	1,202	1,202	1,190	1,072	953	839	731	686
DAGGETT	27	26	22	18	22	19	13	13	14	12
DUCHESNE	418	412	440	449	446	403	364	307	289	247
UINTAH	662	745	740	735	722	650	576	519	428	427
UTAH COUNTY	7,838	7,505	7,660	7,111	6,627	6,543	6,417	6,057	6,599	6,558
WASATCH	268	245	254	199	241	189	202	215	173	194
WEBER-MORGAN	3,749	3,702	3,721	3,461	3,408	3,381	3,269	3,130	3,166	3,188
MORGAN	117	106	135	103	104	103	90	88	84	95
WEBER	3,632	3,596	3,586	3,358	3,304	3,278	3,179	3,042	3,082	3,093

TABLE 5

CENSUS OF POPULATION AND INTERCENSAL ESTIMATES BY LOCAL HEALTH DISTRICT AND COUNTY: UTAH, APRIL 1, 1980, AND JULY 1, 1980-1989

LOCAL HEALTH DISTRICT AND COUNTY	APRIL 1, 1980 CENSUS	REVISED ESTIMATE BY YEAR									
		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	1,460,937	1,474,000	1,516,000	1,559,000	1,596,000	1,624,000	1,645,000	1,665,000	1,680,000	1,695,000	1,715,000
BEAR RIVER	92,498	93,350	96,050	99,100	102,100	103,550	105,400	107,150	108,950	110,450	111,950
BOX ELDER	33,222	33,500	34,000	34,700	35,300	35,800	36,600	37,300	37,800	38,000	38,400
CACHE	57,176	57,700	59,800	62,000	64,500	65,600	66,700	67,800	69,200	70,600	71,700
RICH	2,100	2,150	2,250	2,400	2,300	2,150	2,100	2,050	1,950	1,850	1,850
CENTRAL UTAH	47,087	47,600	49,200	51,050	53,600	56,400	57,200	55,350	54,800	54,850	55,250
JUAB	5,530	5,550	5,600	5,700	5,900	6,150	6,250	5,800	5,700	5,700	5,800
MILLARD	8,970	9,050	9,600	10,400	11,400	13,500	14,200	13,600	13,000	12,900	13,000
PIUTE	1,329	1,350	1,400	1,350	1,450	1,500	1,550	1,550	1,550	1,550	1,550
SANPETE	14,620	14,800	15,400	16,100	16,900	17,000	16,900	16,500	16,600	16,700	16,800
SEVIER	14,727	14,900	15,200	15,500	15,800	16,100	16,200	15,800	15,900	15,900	16,000
WAYNE	1,911	1,950	2,000	2,000	2,150	2,150	2,100	2,100	2,050	2,100	2,100
DAVIS	146,540	148,000	153,000	158,000	162,000	166,000	170,000	175,000	179,000	184,000	187,000
SALT LAKE	619,066	625,000	640,000	655,000	667,000	679,000	689,000	697,000	701,000	705,000	712,000
SOUTHEASTERN	54,024	54,650	56,300	58,400	58,550	56,550	54,750	54,350	53,700	52,750	52,300
CARBON	22,179	22,400	23,100	24,700	24,500	23,700	23,400	23,000	22,500	22,000	21,500
EMERY	11,451	11,600	12,100	13,000	13,100	12,400	11,800	11,800	11,600	11,300	11,300
GRAND	8,241	8,250	8,400	8,100	7,950	7,650	7,050	6,850	6,700	6,550	6,500
SAN JUAN	12,153	12,400	12,700	12,600	13,000	12,800	12,500	12,700	12,900	12,900	13,000
SOUTHWEST	55,489	56,050	57,950	60,250	62,900	65,500	68,900	72,400	74,600	75,950	78,400
BEAVER	4,378	4,400	4,600	4,650	5,000	5,150	5,050	4,950	4,900	4,800	4,800
GARFIELD	3,673	3,700	3,700	3,750	3,950	3,950	4,050	4,050	4,050	4,050	4,100
IRON	17,349	17,500	17,900	18,300	18,900	19,300	19,400	19,500	19,500	19,200	19,500
KANE	4,024	4,050	4,050	4,150	4,350	4,500	4,700	4,800	4,850	4,900	4,900
WASHINGTON	26,065	26,400	27,700	29,400	30,700	32,600	35,700	39,100	41,300	43,000	45,100
SUMMIT	10,198	10,400	10,900	11,300	11,800	12,200	12,400	12,700	13,200	13,400	14,000
TOOELE	26,033	26,200	26,800	27,100	27,300	28,200	28,300	28,100	28,100	27,800	27,800
UINTAH BASIN	33,840	34,150	35,850	38,850	40,450	40,050	39,400	38,000	36,200	35,300	34,450
DAGGETT	769	750	850	850	750	750	700	700	700	700	650
DUCHESNE	12,565	12,700	13,100	13,700	14,400	14,800	14,700	14,300	13,700	13,100	12,800
UINTAH	20,506	20,700	21,900	24,300	25,300	24,500	24,000	23,000	21,800	21,500	21,000
UTAH COUNTY	218,106	220,000	228,000	235,000	242,000	247,000	250,000	253,000	258,000	262,000	267,000
WASATCH	8,523	8,650	8,900	8,750	9,050	9,200	9,200	9,450	9,700	9,800	10,000
WEBER-MORGAN	149,533	149,950	153,050	156,200	159,250	160,350	160,450	162,500	162,650	163,700	164,850
MORGAN	4,917	4,950	5,050	5,200	5,250	5,350	5,450	5,500	5,650	5,700	5,850
WEBER	144,616	145,000	148,000	151,000	154,000	155,000	155,000	157,000	157,000	158,000	159,000

NOTES: THE REVISED POPULATION ESTIMATES FOR THE STATE AND COUNTIES ARE FROM, "1989 POPULATION ESTIMATES FOR UTAH AND ITS COUNTIES," UTAH ECONOMIC AND BUSINESS REVIEW, 50, 1-2, BUREAU OF ECONOMIC AND BUSINESS RESEARCH, UNIVERSITY OF UTAH, SALT LAKE CITY, JAN-FEB 1990, P. 4.

TABLE 6

POPULATION DENSITY BY LAND AREAS (FRONTIER, RURAL AND URBAN) AND COUNTIES: UTAH, 1989

LOCAL HEALTH DISTRICT AND COUNTY	AREA IN SQUARE MILES	ESTIMATED POPULATION 7/1/1989	POPULATION DENSITY PER SQ. MI.
TOTAL	82,076	1,715,000	20.9
FRONTIER	60,596	150,650	2.5
GARFIELD	5,148	4,100	0.8
WAYNE	2,461	2,100	0.9
DAGGETT	699	650	0.9
KANE	3,898	4,900	1.3
JUAB	3,396	5,800	1.7
SAN JUAN	7,725	13,000	1.7
GRAND	3,689	6,500	1.8
RICH	1,034	1,850	1.8
BEAVER	2,586	4,800	1.9
MILLARD	6,818	13,000	1.9
PIUTE	759	1,550	2.0
EMERY	4,449	11,300	2.5
TOOELE	6,919	27,800	4.0
DUCHESNE	3,234	12,800	4.0
UINTAH	4,479	21,000	4.7
IRON	3,302	19,500	5.9
RURAL	17,841	239,350	13.4
BOX ELDER	5,614	38,400	6.8
SUMMIT	1,865	14,000	7.5
WASATCH	1,191	10,000	8.4
SEVIER	1,910	16,000	8.4
MORGAN	603	5,850	9.7
SANPETE	1,586	16,800	10.6
CARBON	1,479	21,500	14.5
WASHINGTON	2,422	45,100	18.6
CACHE	1,171	71,700	61.2
URBAN	3,639	1,325,000	364.1
UTAH COUNTY	2,018	267,000	132.3
WEBER	566	159,000	280.9
DAVIS	299	187,000	625.4
SALT LAKE	756	712,000	941.8

NOTES: LAND AREA IS DEFINED AS A COUNTY'S POPULATION DENSITY CATEGORIZED AS FOLLOWS: (1) A FRONTIER COUNTY HAS SIX OR FEWER PERSONS PER SQUARE MILE; (2) A RURAL COUNTY HAS MORE THAN SIX BUT LESS THAN 100 PERSONS PER SQUARE MILE; AND (3) AN URBAN COUNTY HAS 100 OR MORE PERSONS PER SQUARE MILE.

TABLE 7

POPULATION, BIRTHS AND DEATHS BY LAND AREAS
RESIDENTS: UTAH, 1989

LAND AREAS	ESTIMATED POPULATION 7/1/89	BIRTHS NUMBER	BIRTHS RATE	DEATHS NUMBER	DEATHS RATE
TOTAL	1,715,000	35,558	20.7	9,223	5.4
FRONTIER	150,650	2,865	19.0	910	6.0
RURAL	239,350	4,591	19.2	1476	6.2
URBAN	1,325,000	28,102	21.2	6837	5.2

NOTES: RATES ARE PER 1,000 POPULATION.

TABLE 8

INFANT DEATHS, TOTAL, NEONATAL AND POSTNEONATAL
BY LAND AREAS, RESIDENTS: UTAH, 1989

	TOTAL NUMBER	TOTAL RATE	NEONATAL DEATHS NUMBER	NEONATAL DEATHS RATE	POSTNEONATAL DEATHS NUMBER	POSTNEONATAL DEATHS RATE
TOTAL	285	8.0	157	4.4	128	3.6
FRONTIER	24	8.4	16	5.6	8	2.8
RURAL	30	6.5	13	2.8	17	3.7
URBAN	231	8.2	128	4.6	103	3.7

NOTE: RATES ARE PER 1,000 BIRTHS.

TABLE 9

FETAL DEATHS, LOW-WEIGHT BIRTHS, OUT-OF-WEDLOCK BIRTHS AND
ABORTIONS BY LAND AREAS, RESIDENTS: UTAH, 1989

	FETAL DEATHS NUMBER	FETAL DEATHS RATIO	LOW-WEIGHT BIRTHS <2,500 GRAMS NUMBER	LOW-WEIGHT BIRTHS <2,500 GRAMS RATE	OUT-OF-WEDLOCK NUMBER	OUT-OF-WEDLOCK RATE	ABORTIONS NUMBER	ABORTIONS RATIO
TOTAL	226	6.4	2,015	56.7	4,502	126.6	4,305	121.1
FRONTIER	20	7.0	164	57.2	480	167.5	193	67.4
RURAL	24	5.2	251	54.7	366	79.7	331	72.1
URBAN	182	6.5	1,600	56.9	3,656	130.1	3,781	134.5

NOTES: RATES AND RATIOS ARE PER 1,000 BIRTHS.

NOTES: "FRONTIER" COUNTIES HAVE SIX OR FEWER PERSONS PER SQUARE MILE; "RURAL COUNTIES HAVE MORE THAN SIX BUT LESS THAN 100 PERSONS PER SQUARE MILE; AND "URBAN" COUNTIES HAVE 100 OR MORE PERSONS PER SQUARE MILE.

TABLE 10

BIRTHS, POPULATION AND FERTILITY RATES, RESIDENT FEMALES 15-44 YEARS OF AGE
UTAH AND UNITED STATES, 1950, 1955, 1960, 1965 AND 1970-1989

	UTAH		FERTILITY RATES	
YEAR	RESIDENT BIRTHS	FEMALES AGES 15-44	UTAH	U.S.
1989	35,558	392,800	90.5	68.8
1988	36,040	390,400	92.3	67.2
1987	35,285	384,400	91.8	65.7
1986	36,383	380,100	95.7	65.4
1985	37,441	373,400	100.3	66.2
1984	38,286	370,800	103.3	65.4
1983	39,441	365,600	107.9	65.8
1982	41,537	359,500	115.5	67.3
1981	41,286	350,300	117.9	67.4
1980	41,786	339,799	123.0	68.4
1979	41,078	330,596	124.3	67.2
1978	38,811	320,568	121.1	65.5
1977	37,956	309,987	122.4	66.8
1976	35,310	299,044	118.1	65.0
1975	31,667	287,924	110.0	66.0
1974	29,946	276,605	108.3	67.8
1973	27,978	265,157	105.5	68.8
1972	26,911	253,630	106.1	73.1
1971	27,552	241,851	113.9	81.6
1970	26,969	229,700	117.4	87.9
1965	22,261	204,485	108.9	96.3
1960	26,272	179,275	146.5	118.0
1955	24,602	165,653	148.5	118.3
1950	21,192	152,031	139.4	106.2

NOTES: FERTILITY RATES ARE PER 1,000 WOMEN 15-44 YEARS OF AGE. THE FERTILITY RATES FOR UTAH'S RESIDENT FEMALES, 1971-1979, WERE REVISED TO REFLECT THE CHANGE BETWEEN THE ESTIMATED AND ACTUAL POPULATIONS IN 1980. THE ESTIMATED POPULATIONS AND FERTILITY RATES, 1981-1985, HAVE BEEN REVISED SINCE PUBLICATION OF THE 1984 VITAL STATISTICS ANNUAL REPORT. THESE REVISED POPULATION ESTIMATES ARE FROM, 1987 BASELINE PROJECTIONS, UTAH OFFICE OF PLANNING AND BUDGET, DATA RESOURCES SECTION, 116 STATE CAPITOL, SALT LAKE CITY, UTAH, APRIL 1987. NATIONAL FERTILITY RATES FOR 1950 AND 1955 WERE ADJUSTED FOR UNDERREGISTRATION, REF. BELOW.

SOURCE: UNITED STATES RATES, 1989--NATIONAL CENTER FOR HEALTH STATISTICS: "ANNUAL SUMMARY OF BIRTHS, MARRIAGES, DIVORCES, AND DEATHS: UNITED STATES, 1989," MONTHLY VITAL STATISTICS REPORT, 38,13, DHHS PUB. NO. (PHS) 90-1120, HYATTSVILLE, MD, AUGUST 30, 1990.

1950-88--NATIONAL CENTER FOR HEALTH STATISTICS: "ADVANCE REPORT OF FINAL NATALITY STATISTICS, 1988," MONTHLY VITAL STATISTICS REPORT, 39, 4, SUPP, DHHS PUB. NO. (PHS) 90-1120, HYATTSVILLE, MD, AUGUST 15, 1990.

TABLE 11

SEX RATIO, NUMBER OF MALES PER 100 FEMALE BIRTHS
UTAH AND UNITED STATES, 1960-1989

	BIRTH SEX RATIO	
YEAR	UTAH RESIDENTS	U.S. RESIDENTS
1989	106.7	N.A.
1988	104.9	105.0
1987	104.1	105.0
1986	105.3	105.1
1985	105.3	105.2
1984	106.0	105.0
1983	106.3	105.2
1982	105.0	105.1
1981	105.4	105.2
1980	105.5	105.3
1979	105.8	105.2
1978	105.1	105.3
1977	105.6	105.3
1976	106.3	105.3
1975	104.5	105.4
1974	103.6	105.5
1973	104.6	105.2
1972	103.1	105.1
1971	105.0	105.2
1970	106.2	105.5
1969	105.1	105.3
1968	104.9	105.3
1967	105.9	105.0
1966	105.9	104.9
1965	105.7	105.1
1964	105.2	104.7
1963	102.8	105.3
1962	104.2	104.8
1961	104.9	105.0
1960	105.1	104.9

SOURCE: UNITED STATES RATIOS, NATIONAL CENTER FOR HEALTH STATISTICS: "ADVANCE REPORT OF FINAL NATALITY STATISTICS, 1988," MONTHLY VITAL STATISTICS REPORT, 39, 4, SUPP. DHHS PUB. NO. (PHS) 90-1120, HYATTSVILLE, MD., AUGUST 15, 1990.

TABLE 12

LOW BIRTH WEIGHT PERCENTAGE BY RACE, LESS THAN 2,500 GRAMS
UTAH AND UNITED STATES, 1970-1989

	PERCENTAGE BIRTH WEIGHT LESS THAN 2,500						
	-UTAH-				-UNITED STATES-		
YEAR	TOTAL	WHITE	BLACK	ALL OTHER	TOTAL	WHITE	BLACK
1989	5.7	5.6	10.8	5.4	N.A.	N.A.	N.A.
1988	5.7	5.6	11.8	6.9	6.9	5.6	11.5
1987	5.7	5.6	10.6	7.0	6.9	5.7	12.7
1986	5.4	5.3	9.3	6.3	6.8	5.6	12.5
1985	5.7	5.6	10.4	6.0	6.8	5.6	12.4
1984	5.6	5.4	10.1	8.5	6.7	5.6	12.4
1983	5.6	5.5	10.3	6.5	6.8	5.7	12.6
1982	5.6	5.5	11.4	6.8	6.8	5.6	11.2
1981	5.4	5.4	8.7	5.8	6.8	5.7	11.4
1980	5.3	5.2	9.6	5.5	6.8	5.7	12.5
1979	5.6	5.5	11.2	5.9	6.9	5.8	12.6
1978	5.6	5.6	7.3	5.4	7.1	5.9	12.9
1977	5.2	5.2	13.3	5.6	7.1	5.9	12.8
1976	5.4	5.3	14.0	6.1	7.3	9.1	13.0
1975	5.3	5.3	13.8	5.6	7.4	6.3	13.1
1974	5.3	5.2	17.9	6.4	7.4	6.3	13.1
1973	5.5	5.5	14.7	4.8	7.6	6.4	13.3
1972	6.0	6.0	11.9	7.0	7.7	6.5	13.6
1971	6.2	6.1	9.4	8.3	7.7	6.6	13.4
1970	6.5	6.5	12.9	8.3	7.9	6.8	13.9

NOTES: LOW BIRTH WEIGHT IS NOW DEFINED, EFFECTIVE JANUARY 1, 1979, AS "LESS THAN 2,500 GRAMS" (OR 5 POUNDS 8 OUNCES). THIS DEFINITION WAS CHANGED IN THE NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD-9), 1978. PRIOR TO THIS CHANGE, LOW BIRTH WEIGHT WAS DEFINED AS "2,500 GRAMS OR LESS."

SOURCE: UNITED STATES RATES, "ADVANCE REPORT OF FINAL NATALITY STATISTICS, 1988," MONTHLY VITAL STATISTICS REPORT, 39, 4, SUPP. DHHS PUB. NO. (PHS) 90-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD, AUGUST 15, 1990.

TABLE 13

OUT-OF-WEDLOCK BIRTHS BY AGE OF WOMAN, RESIDENTS: UTAH, 1970-1989

YEAR	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 + OVER	UN-KNOWN
1989	4,502	31	1,657	1,544	800	330	112	23	0	5
1988	4,218	26	1,572	1,428	762	314	96	20	0	0
1987	3,919	26	1,484	1,313	710	270	100	16	0	0
1986	3,569	28	1,323	1,306	599	218	86	9	0	0
1985	3,259	23	1,181	1,186	543	217	89	8	1	11
1984	2,958	19	1,093	1,056	505	200	70	14	1	0
1983	2,962	22	1,120	1,077	464	196	68	15	0	0
1982	2,899	27	1,150	1,046	433	163	70	10	0	0
1981	2,694	29	1,094	1,005	385	136	36	7	1	1
1980	2,605	28	1,163	894	344	128	42	5	0	1
1979	2,316	18	1,061	784	295	116	35	5	1	1
1978	2,160	28	997	732	274	89	30	9	1	0
1977	1,806	30	880	584	211	73	22	2	1	3
1976	1,493	20	735	479	168	65	21	4	0	1
1975	1,321	32	642	439	136	48	18	3	0	3
1974	1,138	16	564	380	114	40	18	3	0	3
1973	1,216	23	638	381	112	40	15	6	0	1
1972	1,136	23	574	379	83	42	26	5	2	2
1971	1,058	11	500	382	105	38	19	3	0	0
1970	1,215	14	588	441	100	40	20	5	0	7

TABLE 14

OUT-OF-WEDLOCK BIRTHS PER 1,000 LIVE BIRTHS BY AGE OF WOMAN
RESIDENTS: UTAH, 1970-1989

YEAR	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35+
1989	126.6	861.1	474.5	145.9	70.1	46.7	45.9
1988	117.0	866.7	473.4	135.0	63.2	43.9	39.8
1987	111.1	963.0	448.3	124.2	60.3	39.5	42.0
1986	98.0	933.3	392.2	114.5	49.7	32.2	34.6
1985	87.0	884.6	359.4	98.2	44.5	30.9	35.1
1984	77.3	904.8	330.7	82.6	40.8	29.0	29.5
1983	75.1	666.7	308.5	80.3	37.1	28.1	28.7
1982	69.8	843.8	273.0	71.0	33.7	23.8	27.9
1981	65.3	852.9	249.0	67.2	30.7	20.2	16.7
1980	62.3	777.8	255.0	57.9	27.6	19.5	17.3
1979	56.4	642.9	233.5	51.8	23.8	18.3	15.6
1978	55.7	717.9	227.8	50.8	23.7	14.9	16.5
1977	47.6	857.1	207.9	40.7	18.4	12.9	11.4
1976	42.3	689.7	188.4	35.6	15.5	13.0	12.2
1975	41.7	780.5	171.8	35.9	14.4	11.0	11.6
1974	38.0	666.7	156.7	32.2	13.0	9.9	12.4
1973	43.5	766.7	178.4	35.4	13.7	10.8	11.9
1972	42.2	821.4	164.9	36.2	10.9	12.1	18.2
1971	38.4	611.1	156.3	34.1	13.9	10.6	11.8
1970	45.0	736.8	176.3	41.0	13.4	11.4	13.4

TABLE 15

PERCENTAGE DISTRIBUTION OF MOTHERS BY SMOKING STATUS AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

TOBACCO USED	TOTAL	BIRTH WEIGHT IN GRAMS								
		UNDER 1000	1000 1499	1500 1999	2000 2499	2500 2999	3000 3499	3500 3999	4000 4499	4500 & OVER
TOTAL	100.0	0.4	0.5	1.0	3.8	16.7	39.1	29.2	8.1	1.2
YES	100.0	0.5	0.8	1.8	7.6	30.4	39.8	16.2	2.5	0.4
# OF CIGARETTES										
1-9	100.0	0.4	0.9	2.1	5.8	26.6	41.4	18.2	3.9	0.6
10-19	100.0	0.9	0.8	1.4	7.9	31.1	39.1	16.6	1.8	0.3
20 OR MORE	100.0	0.2	0.6	2.0	8.9	33.2	38.9	13.6	2.1	0.4
NO	100.0	0.3	0.5	0.9	3.4	15.2	39.0	30.7	8.7	1.3

TABLE 16

PERCENTAGE DISTRIBUTION OF MOTHER BY ALCOHOL USE (DRINKS PER WEEK) AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

ALCOHOL USED	TOTAL	BIRTH WEIGHT IN GRAMS								
		UNDER 1000	1000 1499	1500 1999	2000 2499	2500 2999	3000 3499	3500 3999	4000 4499	4500 & OVER
TOTAL	100.0	0.4	0.5	1.0	3.8	16.7	39.1	29.2	8.1	1.2
YES	100.0	0.3	0.8	2.2	6.4	25.5	39.3	20.8	3.8	0.9
# OF DRINKS										
ONE	100.0	0.4	1.1	1.1	5.6	24.4	39.0	23.3	4.0	1.1
TWO	100.0	0.0	0.9	1.8	6.3	25.0	43.8	17.9	3.6	0.9
MORE THAN 2	100.0	0.6	0.0	3.8	6.3	27.0	42.1	17.0	2.5	0.6
UNKNOWN	100.0	0.0	0.0	8.5	12.7	31.0	28.2	14.1	5.6	0.0
NO	100.0	0.4	0.5	1.0	3.7	16.5	39.1	29.5	8.2	1.2

FIGURE 5

PERCENTAGE DISTRIBUTION OF INFANT'S BIRTH WEIGHT AND MOTHER'S ALCOHOL USE STATUS, RESIDENTS: UTAH, 1989

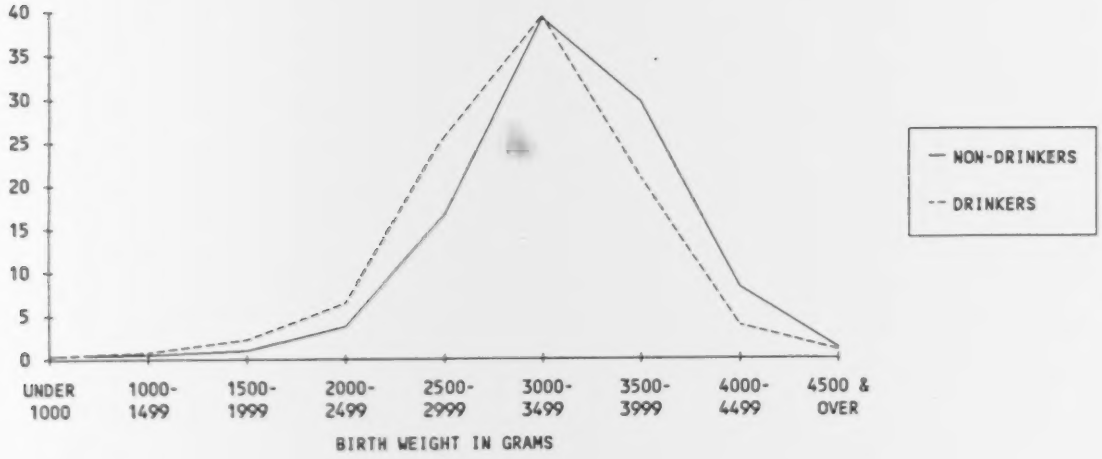


FIGURE 6

PERCENTAGE DISTRIBUTION OF INFANT'S BIRTH WEIGHT AND MOTHER'S SMOKING STATUS, RESIDENTS: UTAH, 1989

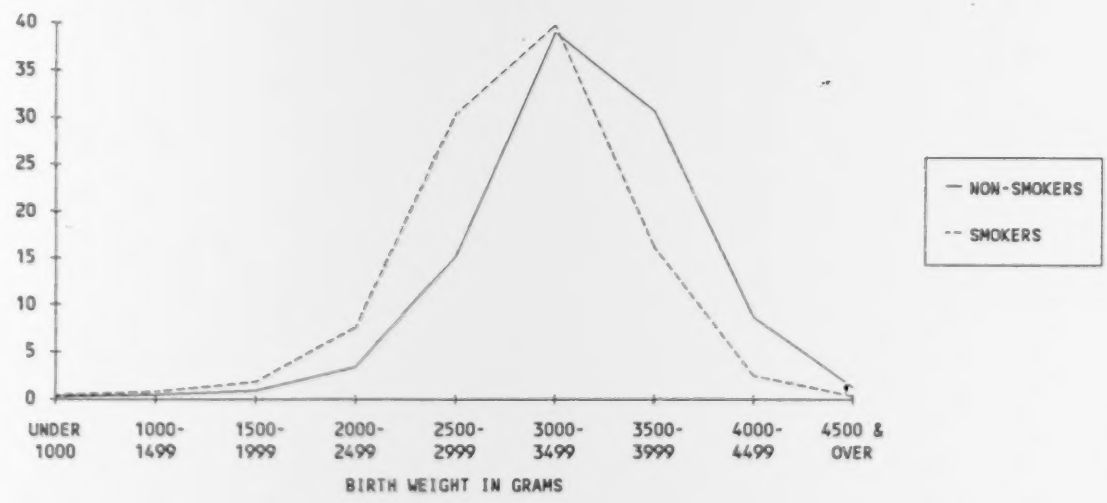


TABLE 17

LEADING CAUSES OF DEATH: UNITED STATES AND UTAH, 1989

UNITED STATES				UTAH		
RANK	CAUSE	ICD CODE	RATE PER 100,000 POPULATION	RANK	CAUSE	NUMBER	RATE PER 100,000 POPULATION
	TOTAL	- -	868.1		TOTAL	9,223	537.8
1.	DISEASES OF THE HEART	390-398,402, 404-429	296.3	1.	DISEASES OF THE HEART	2,712	158.1
2.	MALIGNANT NEOPLASMS	140-208	200.3	2.	MALIGNANT NEOPLASMS	1,857	108.3
3.	CEREBROVASCULAR DISEASES	430-438	59.4	3.	CEREBROVASCULAR DISEASES	650	37.9
4.	ACCIDENTS AND ADVERSE AFFECTS	E800-E949	38.2	4.	ACCIDENTS AND ADVERSE AFFECTS	547	31.9
5.	CHRONIC OBSTRUCTIVE PULMONARY DISEASE & ALLIED CONDITIONS	490-496	34.0	5.	CHRONIC OBSTRUCTIVE PULMONARY DISEASE & ALLIED CONDITIONS	392	22.9
6.	PNEUMONIA AND INFLUENZA	480-487	30.3	6.	PNEUMONIA AND INFLUENZA	353	20.6
7.	DIABETES MELLITUS	250	18.8	7.	DIABETES MELLITUS	308	18.0
8.	SUICIDE	E950-E959	12.6	8.	SUICIDE	212	12.4
9.	CHRONIC LIVER DISEASE AND CIRRHOSIS	571	10.6	9.	CONGENITAL ANOMALIES	122	7.1
10.	HOMICIDE AND LEGAL INTERVENTION	E960-E978	9.3	10.	CHRONIC LIVER DISEASE AND CIRRHOSIS	98	5.7
11.	HUMAN IMMUNODEFICIENCY VIRUS INFECTION	*042-*044	8.6	11.	NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	93	5.4
12.	NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS	580-589	8.6	12.	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	88	5.1
13.	ATHEROSCLEROSIS	440	7.7	13.	ATHEROSCLEROSIS	84	4.9
14.	SEPTICEMIA	38	7.7	14.	SEPTICEMIA	55	3.2
15.	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	7.5	15.	HOMICIDE AND LEGAL INTERVENTION	54	3.1

NOTES: UNDER ADVICE FROM THE NATIONAL CENTER FOR HEALTH STATISTICS, UTAH BEGAN IN 1987 TO CODE ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS) AND AIDS RELATED DEATHS AS CODES 042-044. IN 1989, THERE WERE 43 REPORTED AIDS DEATHS TO ADULT RESIDENTS IN UTAH.

SOURCE: UNITED STATES RATES, NATIONAL CENTER FOR HEALTH STATISTICS: "ANNUAL SUMMARY OF BIRTHS, MARRIAGES, DIVORCES, AND DEATHS: UNITED STATES, 1989," MONTHLY VITAL STATISTICS REPORT, 38, 13, DHHS PUB. NO. (PHS) 90-1120, HYATTSVILLE, MD, AUGUST 30, 1990.

TABLE 18

DEATHS BY SELECTED CAUSES, RESIDENTS: UTAH, 1979-1989

CAUSE OF DEATH, 9TH REV INTERNATIONAL CLASSIFICATION OF DISEASES	DEATHS PER YEAR										
	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	7,871	8,103	8,263	8,502	8,484	8,944	9,044	8,886	9,055	9,185	9,223
SEPTICEMIA (038)	31	31	25	57	60	47	61	43	79	79	55
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (001-037, 039-041, 045-139)	20	36	29	22	38	46	53	44	35	28	38
ACQUIRED IMMUNODEFICIENCY SYNDROME (*042-*044)	- -	- -	- -	- -	- -	- -	- -	- -	37	50	50
MALIGNANT NEOPLASMS (140-208)	1,314	1,379	1,424	1,460	1,490	1,546	1,525	1,642	1,672	1,700	1,857
DIABETES MELLITUS (250)	176	170	159	184	186	204	213	226	204	217	308
DISEASES OF THE HEART (390-398, 402, 404-429)	2,800	2,870	2,940	2,954	2,919	3,116	3,076	2,935	2,947	2,955	2,712
CEREBROVASCULAR DISEASES (430-438)	628	647	631	652	634	678	645	658	676	680	650
ATHEROSCLEROSIS (440)	81	102	89	81	94	67	81	69	72	77	84
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES (441-448)	70	75	98	82	102	98	78	74	81	82	96
PNEUMONIA AND INFLUENZA (480-487)	232	262	211	232	249	269	327	357	354	412	353
ASTHMA, BRONCHITIS AND EMPHYSEMA (490-493)	107	90	96	90	90	96	96	125	100	125	118
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	143	101	104	110	99	82	95	92	74	78	98
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	60	71	77	72	78	75	86	80	87	89	93
CONGENITAL ANOMALIES (740-759)	135	143	139	169	121	132	105	103	114	121	122
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	192	195	177	206	146	149	155	127	95	81	88
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS (780-799)	154	133	154	166	133	156	156	141	164	144	153
MOTOR VEHICLE ACCIDENTS (E810-E825)	335	347	343	325	296	304	340	324	302	302	313
ACCIDENTS, ALL OTHERS (E800-E807, E826-E949)	287	295	287	273	288	299	249	232	251	262	234
SUICIDE (E950-E959)	179	190	196	203	212	225	216	241	237	229	212
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	62	57	59	62	61	50	48	58	65	53	54
ALL OTHER CAUSES	865	909	1,025	1,102	1,188	1,305	1,439	1,315	1,409	1,421	1,535

UNDER ADVICE FROM THE NATIONAL CENTER FOR HEALTH STATISTICS, UTAH BEGAN IN 1987 TO CODE ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) AND AIDS RELATED DEATHS AS CODES 042-044.

TABLE 19

DEATH RATES BY SELECTED CAUSES, RESIDENTS: UTAH, 1979-1989

CAUSE OF DEATH, 9TH REV INTERNATIONAL CLASSIFICATION OF DISEASES	RATES PER YEAR										
	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	555.9	549.7	545.1	545.3	531.6	550.7	549.8	533.7	539.6	541.9	537.8
SEPTICEMIA (038)	2.2	2.1	1.6	3.7	3.8	2.9	3.7	2.6	4.7	4.7	3.2
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (001-037, 039-041, 045-139)	1.4	2.4	1.9	1.4	2.4	2.8	3.2	2.6	2.1	1.7	2.2
ACQUIRED IMMUNODEFICIENCY SYNDROME (*043-*044)	- -	- -	- -	- -	- -	- -	- -	- -	2.2	2.9	2.9
MALIGNANT NEOPLASMS (140-208)	92.8	93.6	93.9	93.6	93.4	95.2	92.7	98.6	99.6	100.3	108.3
DIABETES MELLITUS (250)	12.4	11.5	10.5	11.8	11.7	12.6	12.9	13.6	12.2	12.8	18.0
DISEASES OF THE HEART (390-398, 402, 404-429)	197.7	194.7	193.9	189.5	182.9	191.9	187.0	176.3	175.6	174.3	158.1
CEREBROVASCULAR DISEASES (430-438)	44.4	43.9	41.6	41.8	39.7	41.7	39.2	39.5	40.3	40.1	37.9
ATHEROSCLEROSIS (440)	5.7	6.9	5.9	5.2	5.9	4.1	4.9	4.1	4.3	4.5	4.9
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES (441-448)	4.9	5.1	6.5	5.3	6.4	6.0	4.7	4.4	4.8	4.8	5.6
PNEUMONIA AND INFLUENZA (480-487)	16.4	17.8	13.9	14.9	15.6	16.6	19.9	21.4	21.1	24.3	20.6
ASTHMA, BRONCHITIS AND EMPHYSEMA (490-493)	7.6	6.1	6.3	5.8	5.6	5.9	5.8	7.5	6.0	7.4	6.9
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	10.1	6.9	6.9	7.1	6.2	5.0	5.8	5.5	4.4	4.6	5.7
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	4.2	4.8	5.1	4.6	4.9	4.6	5.2	4.8	5.2	5.3	5.4
CONGENITAL ANOMALIES (740-759)	9.5	9.7	9.2	10.8	7.6	8.1	6.4	6.2	6.8	7.1	7.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	13.6	13.2	11.7	13.2	9.1	9.2	9.4	7.6	5.7	4.8	5.1
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS (780-799)	10.9	9.0	10.2	10.6	8.3	9.6	9.5	8.5	9.8	8.5	8.9
MOTOR VEHICLE ACCIDENTS (E810-E825)	23.7	23.5	22.6	20.8	18.5	18.7	20.7	19.5	18.0	17.8	18.3
ACCIDENTS, ALL OTHERS (E800-E807, E826-E949)	20.3	20.0	18.9	17.5	18.0	18.4	15.1	13.9	15.0	15.5	13.6
SUICIDE (E950-E959)	12.6	12.9	12.9	13.0	13.3	13.9	13.1	14.5	14.1	13.5	12.4
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4.4	3.9	3.9	4.0	3.8	3.1	2.9	3.5	3.9	3.1	3.1

NOTES: THE RATES ARE PER 100,000 POPULATION. ALL RATES FOR 1981-1985 HAVE BEEN REVISED FROM PREVIOUS REPORTS. THE NEW RATES ARE BASED ON REVISED POPULATION ESTIMATES FOR THE STATE.

UNDER ADVICE FROM THE NATIONAL CENTER FOR HEALTH STATISTICS, UTAH BEGAN IN 1987 TO CODE ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) AND AIDS RELATED DEATHS AS CODES 042-044.

TABLE 20

EXPECTED YEARS OF LIFE AND WORKING YEARS OF LIFE LOST BY UNDERLYING CAUSE OF DEATH, RESIDENTS: UTAH, 1989

CAUSE OF DEATH, NINTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASE	EXPECTED YEARS OF LIFE LOST						WORKING YEARS OF LIFE LOST					
	TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE	
	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT
TOTAL	157,034	100.0	84,629	100.0	72,405	100.0	61,535	100.0	37,626	100.0	23,909	100.0
HEART DISEASE & STROKE (390-398,402, 404-429,430-438)	34,799	22.2	18,454	21.8	16,345	22.6	5,724	9.3	4,047	10.8	1,677	7.0
MALIGNANT NEOPLASMS (140-208)	29,484	18.8	13,741	16.2	15,743	21.7	7,723	12.6	3,620	9.6	4,103	17.2
MOTOR VEHICLE ACCIDENTS (E810-E825)	13,659	8.7	8,465	10.0	5,194	7.2	9,616	15.6	6,268	16.7	3,348	14.0
NON-MOTOR VEHICLE ACCIDENTS (E800-E807, E826-E949)	7,347	4.7	5,289	6.2	2,058	2.8	4,651	7.6	3,548	9.4	1,103	4.6
PNEUMONIA & INFLUENZA (480-487)	3,399	2.2	1,479	1.7	1,920	2.7	893	1.5	354	0.9	539	2.3
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD & SIDS (760-779,798.0)	12,542	8.0	6,368	7.5	6,174	8.5	8,300	13.5	4,400	11.7	3,900	16.3
SUICIDE (E950-E959)	7,114	4.5	5,511	6.5	1,603	2.2	4,662	7.6	3,747	10.0	915	3.8
DIABETES MELLITUS (250)	4,471	2.8	1,757	2.1	2,714	3.7	1,230	2.0	567	1.5	663	2.8
CONGENITAL ANOMALIES (740-759)	7,815	5.0	3,961	4.7	3,854	5.3	5,127	8.3	2,687	7.1	2,440	10.2
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1,962	1.2	1,230	1.5	732	1.0	704	1.1	532	1.4	172	0.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE (490-496)	4,457	2.8	2,469	2.9	1,988	2.7	382	0.6	203	0.5	179	0.7
ALL OTHER CAUSES	29,984	19.1	15,905	18.8	14,079	19.4	12,523	20.4	7,653	20.3	4,870	20.4

NOTE: WORKING YEARS ARE DEFINED AS AGES 15 TO 65. WORKING YEARS OF LIFE LOST ARE CALCULATED BY COMPUTING THE NUMBER OF YEARS BETWEEN AGE AT TIME OF DEATH AND AGE 65 WITH NO ACCOUNTING FOR YEARS BEFORE AGE 15. FOR EXAMPLE, IF A PERSON DIES AT AGE 5 WORKING YEARS OF LIFE LOST WOULD BE 50 YEARS. YEARS OF LIFE LOST IS COMPUTED FROM THE DECENNIAL LIFE TABLE 1979-1981 FOR UTAH GENDER NOT STATED IS INCLUDED IN MALE. AGES NOT STATED ARE NOT INCLUDED.

TABLE 21

INFANT DEATHS RATES BY AGE AT DEATH, RESIDENTS: UTAH, 1960-1989

	AGE AT DEATH				
YEAR	TOTAL	UNDER 1 DAY	1 - 6 DAYS	1 - 4 WEEKS	1 - 11 MONTHS
1989	8.0	2.5	0.9	1.1	3.6
1988	8.0	2.0	0.7	1.0	4.2
1987	8.8	2.4	1.0	0.8	4.6
1986	8.5	2.5	1.4	1.2	3.5
1985	9.6	2.9	1.2	1.3	4.2
1984	9.1	3.3	1.1	1.1	3.6
1983	8.7	3.2	1.2	0.9	3.4
1982	11.0	4.0	1.8	0.9	4.2
1981	9.8	3.2	1.5	1.1	3.9
1980	10.4	3.1	2.2	1.3	3.8
1979	10.7	3.1	2.4	1.3	4.0
1978	11.4	4.0	2.6	1.2	3.6
1977	10.0	3.4	2.3	1.0	3.3
1976	11.7	4.0	2.7	1.2	3.8
1975	13.1	3.7	4.3	1.4	3.9
1974	12.2	4.4	3.0	1.6	3.2
1973	12.7	4.2	3.5	1.3	3.7
1972	13.4	4.6	3.8	1.4	3.5
1971	13.9	5.2	4.2	1.3	3.2
1970	15.0	5.6	4.5	1.0	3.9
1969	15.8	6.0	4.3	1.2	4.3
1968	17.7	7.3	5.0	1.0	4.4
1967	16.7	6.8	4.5	1.2	4.2
1966	18.3	8.2	5.8	1.0	3.3
1965	18.8	7.4	5.2	0.9	5.3
1964	20.2	7.8	5.7	1.2	5.5
1963	18.6	6.8	4.9	1.2	5.7
1962	20.0	6.6	6.3	1.3	5.8
1961	20.2	7.7	6.2	1.1	5.2
1960	19.7	6.8	6.7	1.0	5.2

NOTES: RATES ARE PER 1,000 BIRTHS.

FIGURE 7

INFANT MORTALITY RATES: UTAH AND UNITED STATES, 1950-1989

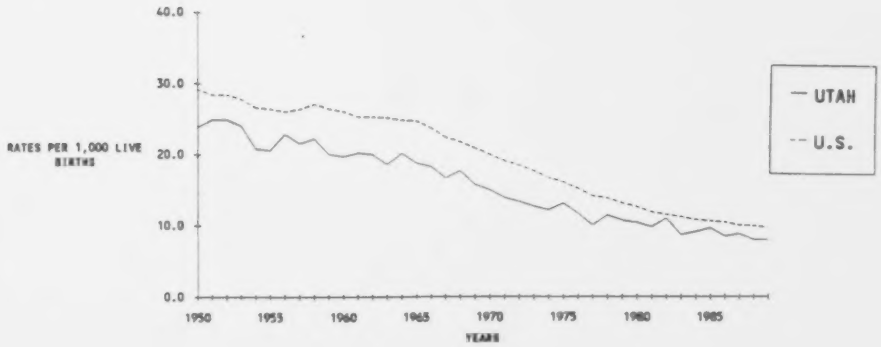


TABLE 22

DEATHS BY LOCAL HEALTH DISTRICT AND COUNTY OF RESIDENCE: UTAH, 1980-1989

HEALTH DISTRICTS	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	8,103	8,263	8,502	8,484	8,944	9,044	8,886	9,055	9,185	9,223
BEAR RIVER	498	516	571	512	583	570	548	576	559	551
BOX ELDER	191	224	233	194	228	229	229	225	230	227
CACHE	293	284	324	309	339	330	304	343	317	316
RICH	14	8	14	9	16	11	15	8	12	8
CENTRAL UTAH	398	394	419	412	416	444	416	427	401	424
JUAB	49	38	45	41	49	48	35	61	39	59
MILLARD	75	78	82	89	73	85	92	80	76	70
PIUTE	19	10	16	19	12	17	19	15	14	18
SANPETE	123	128	133	131	138	138	141	136	132	126
SEVIER	113	126	133	120	129	141	114	118	122	129
WAYNE	19	14	10	12	15	15	15	17	18	22
DAVIS	531	535	589	609	618	612	657	668	657	697
SALT LAKE	3,594	3,638	3,656	3,640	3,786	3,843	3,792	3,930	3,980	3,979
SOUTHEASTERN	374	338	364	342	359	346	344	328	323	346
CARBON	193	163	186	162	179	160	166	137	158	178
EMERY	68	73	67	69	80	50	66	69	59	70
GRAND	56	49	52	47	54	65	47	55	47	36
SAN JUAN	57	53	59	64	46	71	65	67	59	62
SOUTHWEST	384	416	378	420	410	473	510	492	566	557
BEAVER	40	42	39	46	52	45	43	46	39	52
GARFIELD	38	37	30	23	29	35	27	39	36	28
IRON	101	106	94	90	86	108	111	91	130	98
KANE	32	27	40	28	23	34	32	40	31	26
WASHINGTON	173	204	175	233	220	251	297	276	330	353
SUMMIT	48	67	56	46	61	52	54	65	51	44
TOOELE	146	138	127	154	152	179	146	152	151	183
UINTAH BASIN	204	217	240	205	226	232	216	213	224	178
DAGGETT	2	7	7	3	6	3	3	1	6	2
DUCHESNE	85	81	81	85	83	86	72	86	89	64
UINTAH	117	129	152	117	137	143	141	126	129	112
UTAH COUNTY	961	907	1,031	1,064	1,094	1,108	1,084	1,066	1,074	1,084
WASATCH	64	61	72	57	58	64	74	65	70	69
WEBER-MORGAN	901	1,036	999	1,023	1,181	1,121	1,045	1,073	1,129	1,111
MORGAN	27	29	31	24	26	34	17	30	34	34
WEBER	874	1,007	968	999	1,155	1,087	1,028	1,043	1,095	1,077

TABLE 23

DEATHS BY SELECTED CAUSE, SPANISH AND NON-SPANISH ORIGIN, RESIDENTS: UTAH, 1989

CAUSE OF DEATH	SPANISH ORIGIN NUMBER	SPANISH ORIGIN PERCENTAGE	NON-SPANISH ORIGIN NUMBER	NON-SPANISH ORIGIN PERCENTAGE
TOTAL	251	96.4	8,972	100.0
MALIGNANT NEOPLASMS	44	17.5	1,813	20.2
DIABETES MELLITUS	13	5.2	295	3.3
MAJOR CARDIOVASCULAR DISEASE	64	25.5	3,512	39.1
PNEUMONIA AND INFLUENZA	9	3.6	344	3.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	11	4.4	381	4.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	10	4.0	88	1.0
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	3	- -	90	1.0
CONGENITAL ANOMALIES	6	- -	116	1.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	7	2.8	81	0.9
ACCIDENTS AND ADVERSE EFFECTS	27	10.8	520	5.8
MOTOR VEHICLE	15	6.0	298	3.3
ALL OTHER	12	4.8	222	2.5
SUICIDE	7	2.8	205	2.3
HOMICIDE AND LEGAL INTERVENTION	7	2.8	47	0.5
RESIDUAL	43	17.1	1,480	16.5

NOTE: RATES ARE NOT COMPUTED FOR FEWER THAN SEVEN EVENTS.

TABLE 24

DEATHS BY AGE, SPANISH AND NON-SPANISH ORIGIN
RESIDENTS: UTAH, 1989

AGE AT DEATH	SPANISH ORIGIN NUMBER	SPANISH ORIGIN PERCENTAGE	NON-SPANISH ORIGIN NUMBER	NON-SPANISH ORIGIN PERCENTAGE
TOTAL ALL AGES	251	100.0	8,972	100.0
UNDER 1	17	6.8	268	3.0
1-4	5	2.0	74	0.8
5-14	3	1.2	84	0.9
15-24	16	6.4	207	2.3
25-34	16	6.4	247	2.8
35-44	21	8.4	294	3.3
45-54	18	7.2	449	5.0
55-64	28	11.2	951	10.6
65-74	47	18.7	1,863	20.8
75+	80	31.9	4,535	50.5

TABLE 25

DEATHS DUE TO VIOLENCE AND RATES BY TYPE, RESIDENTS: UTAH
1988-1989, AND UNITED STATES, 1989

	UTAH				U.S.
	NUMBER		RATES		RATES
TYPE OF VIOLENCE	1989	1988	1989	1988	1989
TOTAL	862	890	50.3	52.5	N.A.
ACCIDENTS	547	564	31.9	33.3	38.2
MOTOR VEHICLE	313	302	18.3	17.8	19.7
NON-MOTOR VEHICLE	234	262	13.6	15.5	18.5
SUICIDE	212	229	12.4	13.5	12.6
HOMICIDE	54	53	3.1	3.1	9.3
INJURY, UNABLE TO DETERMINE WHETHER ACCIDENTLY OR PURPOSELY INFLECTED	49	44	2.9	2.6	N.A.

NOTES: RATES ARE PER 100,000 POPULATION. ALCOHOLISM NO LONGER APPEARS IN THIS TABLE AS IT IS DEFINED AS A DISEASE AND NOT A VIOLENT DEATH.

SOURCE: UNITED STATES RATES, NATIONAL CENTER FOR HEALTH STATISTICS: "ANNUAL SUMMARY OF BIRTHS, MARRIAGES, DIVORCES, AND DEATHS: UNITED STATES, 1989," MONTHLY VITAL STATISTICS REPORT, 38, 13, DHHS PUB. NO. (PHS) 90-1120, HYATTSVILLE, MD, AUGUST 30, 1990.

TABLE 26

DEATHS DUE TO SUICIDE BY AGE, SEX AND YEAR, RESIDENTS: UTAH, 1976-1989

YEAR AND SEX	TOTAL	AGE UNDER 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
1989 TOTAL	212	5	18	20	33	35	27	28	25	21
MALE	167	5	16	16	23	30	18	22	21	16
FEMALE	45	- -	2	4	10	5	9	6	4	5
1988 TOTAL	229	6	27	21	51	38	32	23	16	14
MALE	173	4	21	19	42	26	18	19	11	12
FEMALE	56	2	6	2	9	12	14	4	5	2
1987 TOTAL	237	7	23	28	46	51	26	22	19	15
MALE	190	7	18	21	40	41	20	17	13	13
FEMALE	47	- -	5	7	6	10	6	5	6	2
1986 TOTAL	241	2	24	29	54	45	31	25	18	13
MALE	192	1	22	27	36	35	26	18	14	13
FEMALE	49	1	2	2	18	10	5	7	4	- -
1985 TOTAL	216	3	25	19	66	29	28	17	13	16
MALE	167	2	20	15	50	18	22	15	11	14
FEMALE	49	1	5	4	16	11	6	2	2	2
1984 TOTAL	225	1	17	32	61	36	29	22	17	10
MALE	180	1	14	23	50	25	22	19	16	10
FEMALE	45	- -	3	9	11	11	7	3	1	- -
1983 TOTAL	212	2	15	25	60	38	27	20	11	13
MALE	171	2	12	21	49	30	18	19	6	13
FEMALE	41	- -	3	4	11	8	9	1	5	- -
1982 TOTAL	203	1	15	28	59	27	22	28	14	9
MALE	167	1	11	24	53	21	13	25	11	8
FEMALE	36	- -	4	4	6	6	9	3	3	1
1981 TOTAL	196	3	17	26	41	34	29	26	16	4
MALE	160	3	14	22	35	26	21	20	15	4
FEMALE	36	- -	3	4	6	8	8	6	1	- -
1980 TOTAL	190	- -	11	29	45	31	29	19	14	12
MALE	137	- -	5	20	39	22	19	12	10	10
FEMALE	53	- -	6	9	6	9	10	7	4	2
1979 TOTAL	179	1	15	28	46	33	15	16	16	9
MALE	148	- -	12	25	38	25	13	12	16	7
FEMALE	31	1	3	3	8	8	2	4	- -	2
1978 TOTAL	167	2	12	27	30	27	20	25	17	7
MALE	134	2	9	26	25	19	16	19	12	6
FEMALE	33	- -	3	1	5	8	4	6	5	1
1977 TOTAL	180	2	17	25	35	29	28	24	14	6
MALE	147	2	17	23	29	23	21	14	12	6
FEMALE	33	- -	- -	2	6	6	7	10	2	- -
1976 TOTAL	167	- -	13	15	38	24	31	28	13	5
MALE	129	- -	9	14	31	18	20	23	10	4
FEMALE	38	- -	4	1	7	6	11	5	3	1

NOTES: AGE IS UNKNOWN FOR ONE MALE IN 1983 AND ONE MALE IN 1988. THESE ARE INCLUDED IN THE TOTALS, BUT NOT DISTRIBUTED.

REFERENCE TABLES

TABLE A-1

BIRTHS BY GENDER, ATTENDANT, HOSPITAL DELIVERY AND MOTHER'S HEALTH DISTRICT, COUNTY OF OCCURRENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	----GENDER---- MALE	FEMALE	----------ATTENDED BY---------- PHYSICIAN	MIDWIFE	CERTIFIED NURSE MIDWIFE	HOSPITAL DELIVERY
TOTAL	**36,546**	**18,869**	**17,677**	**34,165**	**493**	**1,584**	**35,399**
BEAR RIVER	**2,356**	**1,235**	**1,121**	**2,328**	**24**	**0**	**2,329**
BOX ELDER	548	287	261	539	7	0	539
CACHE	1,808	948	860	1,789	17	0	1,790
RICH	0	0	0	0	0	0	0
CENTRAL UTAH	**651**	**329**	**322**	**609**	**8**	**0**	**635**
JUAB	49	26	23	41	6	0	41
MILLARD	158	82	76	156	2	0	156
PIUTE	0	0	0	0	0	0	0
SANPETE	254	118	136	251	0	0	251
SEVIER	190	103	87	161	0	0	187
WAYNE	0	0	0	0	0	0	0
DAVIS	**2,263**	**1,168**	**1,095**	**2,113**	**16**	**89**	**2,239**
SALT LAKE	**16,374**	**8,390**	**7,984**	**15,016**	**173**	**1,113**	**15,682**
SOUTHEASTERN	**832**	**409**	**423**	**825**	**2**	**0**	**821**
CARBON	478	232	246	477	0	0	476
EMERY	4	4	0	1	1	0	0
GRAND	88	39	49	87	1	0	87
SAN JUAN	262	134	128	260	0	0	258
SOUTHWEST	**1,928**	**999**	**929**	**1,732**	**179**	**0**	**1,732**
BEAVER	104	56	48	104	0	0	104
GARFIELD	93	48	45	90	0	0	90
IRON	399	189	210	391	4	0	392
KANE	50	29	21	46	3	0	46
WASHINGTON	1,282	677	605	1,101	172	0	1,100
SUMMIT	**9**	**2**	**7**	**6**	**3**	**0**	**0**
TOOELE	**122**	**65**	**57**	**122**	**0**	**0**	**122**
UINTAH BASIN	**656**	**342**	**314**	**655**	**0**	**0**	**655**
DAGGETT	0	0	0	0	0	0	0
DUCHESNE	491	255	236	490	0	0	490
UINTAH	165	87	78	165	0	0	165
UTAH COUNTY	**6,857**	**3,616**	**3,241**	**6,285**	**70**	**382**	**6,712**
WASATCH	**142**	**76**	**66**	**142**	**0**	**0**	**141**
WEBER-MORGAN	**4,356**	**2,238**	**2,118**	**4,332**	**18**	**0**	**4,331**
MORGAN	0	0	0	0	0	0	0
WEBER	4,356	2,238	2,118	4,332	18	0	4,331

TABLE A-2

BIRTHS BY GENDER, NUMBER BORN, BIRTH ORDER, AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	GENDER		SINGLE AND MULTIPLE BIRTHS		BIRTH ORDER						
		MALE	FEMALE	SINGLE	MULTIPLE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH AND HIGHER	NOT STATED
TOTAL	35,558	18,355	17,203	34,742	816	11,776	9,302	6,494	3,810	2,082	2,031	63
BEAR RIVER	2,382	1,258	1,124	2,344	38	739	583	483	276	163	137	1
BOX ELDER	700	370	330	690	10	150	156	166	115	57	55	1
CACHE	1,639	868	771	1,611	28	583	414	303	156	102	81	0
RICH	43	20	23	43	0	6	13	14	5	4	1	0
CENTRAL UTAH	894	468	426	874	20	202	201	182	145	71	92	1
JUAB	98	50	48	96	2	22	26	21	10	3	15	1
MILLARD	228	124	104	218	10	44	59	45	34	23	23	0
PIUTE	14	9	5	14	0	2	4	3	0	1	4	0
SANPETE	251	118	133	247	4	58	44	54	48	20	27	0
SEVIER	270	147	123	266	4	65	60	54	48	22	21	0
WAYNE	33	20	13	33	0	11	8	5	5	2	2	0
DAVIS	3,915	2,044	1,871	3,821	94	1,188	1,057	753	453	252	211	1
SALT LAKE	14,536	7,408	7,128	14,202	334	5,042	4,061	2,548	1,422	740	678	45
SOUTHEASTERN	954	483	471	938	16	282	232	186	107	71	75	1
CARBON	304	145	159	298	6	106	83	56	20	20	19	0
EMERY	199	105	94	191	8	50	42	43	21	19	23	1
GRAND	105	45	60	105	0	36	30	16	13	6	4	0
SAN JUAN	346	188	158	344	2	90	77	71	53	26	29	0
SOUTHWEST	1,581	819	762	1,537	44	432	345	301	229	111	162	1
BEAVER	85	45	40	85	0	23	19	19	13	1	10	0
GARFIELD	84	41	43	84	0	21	18	15	15	6	9	0
IRON	429	207	222	417	12	139	109	73	54	25	29	0
KANE	91	48	43	91	0	24	23	16	13	5	10	0
WASHINGTON	892	478	414	860	32	225	176	178	134	74	104	1
SUMMIT	246	122	124	241	5	85	73	33	31	7	17	0
TOOELE	424	232	192	412	12	128	115	101	43	19	18	0
UINTAH BASIN	686	365	321	668	18	169	158	132	101	68	56	2
DAGGETT	12	6	6	12	0	3	3	2	2	1	1	0
DUCHESNE	247	130	117	241	6	70	53	47	38	26	13	0
UINTAH	427	229	198	415	12	96	102	83	61	41	42	2
UTAH COUNTY	6,558	3,442	3,116	6,401	157	2,361	1,547	1,106	671	415	449	9
WASATCH	194	112	82	192	2	48	55	28	29	21	13	0
WEBER-MORGAN	3,188	1,602	1,586	3,112	76	1,100	875	641	303	144	123	2
MORGAN	95	43	52	93	2	22	21	20	18	8	6	0
WEBER	3,093	1,559	1,534	3,019	74	1,078	854	621	285	136	117	2

TABLE A-3

BIRTHS BY MONTH OF OCCURRENCE AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		MONTH OF OCCURRENCE											
TOTAL	35,558	2,729	2,639	3,130	2,994	3,170	3,164	3,067	3,267	3,104	2,847	2,685	2,762
BEAR RIVER	2,382	187	173	229	195	213	199	203	216	220	173	191	183
BOX ELDER	700	57	60	69	57	63	40	74	71	61	49	53	46
CACHE	1,639	124	112	156	133	148	157	123	142	157	119	134	134
RICH	43	6	1	4	5	2	2	6	3	2	5	4	3
CENTRAL UTAH	894	89	69	80	79	91	69	80	66	77	74	61	59
JUAB	98	12	4	9	7	15	9	5	6	10	8	5	8
MILLARD	228	30	17	24	23	21	15	19	15	16	17	16	15
PIUTE	14	1	1	0	2	1	1	0	2	2	2	0	2
SANPETE	251	23	18	27	20	21	19	22	21	24	21	20	15
SEVIER	270	21	27	18	23	30	22	29	20	22	23	18	17
WAYNE	33	2	2	2	4	3	3	5	2	3	3	2	2
DAVIS	3,915	317	273	352	328	366	363	312	336	346	334	296	292
SALT LAKE	14,536	1,118	1,061	1,278	1,223	1,301	1,287	1,239	1,364	1,242	1,169	1,101	1,153
SOUTHEASTERN	954	72	74	82	81	80	89	81	86	85	75	59	90
CARBON	304	16	24	34	24	20	26	35	25	30	26	22	22
EMERY	199	25	15	12	19	22	23	15	12	20	12	6	18
GRAND	105	7	9	11	8	9	12	4	10	9	8	7	11
SAN JUAN	346	24	26	25	30	29	28	27	39	26	29	24	39
SOUTHWEST	1,581	103	130	144	121	122	148	130	176	143	127	122	115
BEAVER	85	7	6	8	5	4	13	8	7	10	6	7	4
GARFIELD	84	5	11	7	6	5	4	6	11	6	9	9	5
IRON	429	30	27	43	43	39	37	39	48	38	21	32	32
KANE	91	9	6	8	7	5	8	9	9	11	9	6	4
WASHINGTON	892	52	80	78	60	69	86	68	101	78	82	68	70
SUMMIT	246	21	15	14	24	24	30	20	17	18	24	17	22
TOOELE	424	36	26	46	40	32	39	35	40	45	31	24	30
UINTAH BASIN	686	55	68	72	53	54	60	66	61	56	49	51	41
DAGGETT	12	1	0	3	0	0	2	3	0	1	1	0	1
DUCHESNE	247	23	31	24	15	20	22	26	16	21	14	18	17
UINTAH	427	31	37	45	38	34	36	37	45	34	34	33	23
UTAH COUNTY	6,558	477	516	548	582	572	562	595	576	571	546	497	516
WASATCH	194	20	9	20	16	13	15	18	19	19	17	9	19
WEBER-MORGAN	3,188	234	225	265	252	302	303	288	310	282	228	257	242
MORGAN	95	8	6	6	6	12	7	7	12	14	3	11	3
WEBER	3,093	226	219	259	246	290	296	281	298	268	225	246	239

TABLE A-4

BIRTHS BY AGE OF MOTHER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	AGE OF MOTHER										
		UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45 +	NOT STATED
			TOTAL	15-17	18-19							
TOTAL	35,558	36	3,492	1,100	2,392	10,581	11,420	7,073	2,488	429	24	15
BEAR RIVER	2,382	2	173	46	127	741	800	480	161	20	2	3
BOX ELDER	700	1	51	10	41	185	250	155	51	5	1	1
CACHE	1,639	1	120	34	86	548	536	311	108	13	1	1
RICH	43	0	2	2	0	8	14	14	2	2	0	1
CENTRAL UTAH	894	1	95	35	60	246	289	160	85	14	3	1
JUAB	98	0	9	2	7	31	32	13	10	2	1	0
MILLARD	228	0	23	8	15	54	79	46	20	3	2	1
PIUTE	14	0	2	1	1	4	3	2	3	0	0	0
SANPETE	251	1	25	10	15	74	76	51	23	1	0	0
SEVIER	270	0	30	11	19	74	91	43	25	7	0	0
WAYNE	33	0	6	3	3	9	8	5	4	1	0	0
DAVIS	3,915	1	339	108	231	1,107	1,350	793	287	34	3	1
SALT LAKE	14,536	20	1,464	465	999	3,949	4,698	3,114	1,112	170	7	2
SOUTHEASTERN	954	1	142	57	85	284	270	182	62	12	0	1
CARBON	304	0	41	12	29	96	78	66	21	2	0	0
EMERY	199	0	27	19	8	47	68	42	14	1	0	0
GRAND	105	0	21	7	14	26	31	18	5	4	0	0
SAN JUAN	346	1	53	19	34	115	93	56	22	5	0	1
SOUTHWEST	1,581	2	155	44	111	499	462	307	119	32	2	3
BEAVER	85	0	10	4	6	31	21	16	6	1	0	0
GARFIELD	84	0	7	1	6	25	30	14	7	1	0	0
IRON	429	0	51	15	36	144	130	75	19	9	0	1
KANE	91	0	10	4	6	29	24	12	11	5	0	0
WASHINGTON	892	2	77	20	57	270	257	190	76	16	2	2
SUMMIT	246	0	14	3	11	51	70	67	33	11	0	0
TOOELE	424	0	70	20	50	120	140	67	20	7	0	0
UINTAH BASIN	686	1	87	30	57	185	235	134	28	12	1	3
DAGGETT	12	0	1	1	0	2	3	2	1	0	0	3
DUCHESNE	247	0	32	13	19	62	90	52	6	5	0	0
UINTAH	427	1	54	16	38	121	142	80	21	7	1	0
UTAH COUNTY	6,558	5	524	154	370	2,315	2,067	1,170	384	88	4	1
WASATCH	194	0	25	6	19	44	61	47	14	3	0	0
WEBER-MORGAN	3,188	3	404	132	272	1,040	978	552	183	26	2	0
MORGAN	95	0	11	2	9	21	32	24	6	1	0	0
WEBER	3,093	3	393	130	263	1,019	946	528	177	25	2	0

TABLE A-5

BIRTHS BY RACE OF INFANT AND MOTHER'S HEALTH DISTRICT
COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	RACE OF INFANT				
		WHITE	BLACK	INDIAN	OTHER RACES	NOT STATED
TOTAL	35,558	33,217	372	885	1,057	27
BEAR RIVER	2,382	2,253	7	47	75	0
BOX ELDER	700	665	0	19	16	0
CACHE	1,639	1,545	7	28	59	0
RICH	43	43	0	0	0	0
CENTRAL UTAH	894	859	1	24	10	0
JUAB	98	95	1	0	2	0
MILLARD	228	215	0	6	7	0
PIUTE	14	14	0	0	0	0
SANPETE	251	248	0	2	1	0
SEVIER	270	255	0	15	0	0
WAYNE	33	32	0	1	0	0
DAVIS	3,915	3,694	84	41	95	1
SALT LAKE	14,536	13,492	175	228	623	18
SOUTHEASTERN	954	674	2	272	6	0
CARBON	304	293	2	5	4	0
EMERY	199	195	0	3	1	0
GRAND	105	99	0	5	1	0
SAN JUAN	346	87	0	259	0	0
SOUTHWEST	1,581	1,517	2	46	13	3
BEAVER	85	81	0	3	1	0
GARFIELD	84	80	0	3	1	0
IRON	429	409	0	14	4	2
KANE	91	84	0	7	0	0
WASHINGTON	892	863	2	19	7	1
SUMMIT	246	244	0	0	1	1
TOOELE	424	401	8	7	7	1
UINTAH BASIN	686	587	1	95	3	0
DAGGETT	12	12	0	0	0	0
DUCHESNE	247	227	0	20	0	0
UINTAH	427	348	1	75	3	0
UTAH COUNTY	6,558	6,293	25	78	159	3
WASATCH	194	192	0	2	0	0
WEBER-MORGAN	3,188	3,011	67	45	65	0
MORGAN	95	95	0	0	0	0
WEBER	3,093	2,916	67	45	65	0

TABLE A-6

BIRTHS BY BIRTH WEIGHT OF INFANT AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	BIRTH WEIGHT IN GRAMS									
		UNDER 1000	1000 1499	1500 1999	2000 2499	2500 2999	3000 3499	3500 3999	4000 4499	4500 & OVER	UNKNOWN
TOTAL	**35,558**	**130**	**177**	**357**	**1,351**	**5,935**	**13,875**	**10,376**	**2,866**	**435**	**56**
BEAR RIVER	**2,382**	**3**	**9**	**24**	**77**	**348**	**934**	**763**	**197**	**26**	**1**
BOX ELDER	700	0	2	8	25	100	245	243	71	6	0
CACHE	1,639	3	7	15	50	242	671	506	124	20	1
RICH	43	0	0	1	2	6	18	14	2	0	0
CENTRAL UTAH	**894**	**0**	**2**	**2**	**38**	**138**	**338**	**277**	**76**	**21**	**2**
JUAB	98	0	0	0	9	17	34	30	5	2	1
MILLARD	228	0	1	1	5	41	81	77	19	3	0
PIUTE	14	0	0	0	1	2	5	2	2	2	0
SANPETE	251	0	1	1	12	38	83	87	23	5	1
SEVIER	270	0	0	0	10	38	115	74	24	9	0
WAYNE	33	0	0	0	1	2	20	7	3	0	0
DAVIS	**3,915**	**13**	**19**	**30**	**122**	**678**	**1,550**	**1,155**	**302**	**44**	**2**
SALT LAKE	**14,536**	**59**	**79**	**157**	**588**	**2,514**	**5,668**	**4,147**	**1,116**	**179**	**29**
SOUTHEASTERN	**954**	**4**	**7**	**9**	**49**	**164**	**397**	**242**	**65**	**14**	**3**
CARBON	304	2	3	3	25	61	130	63	13	4	0
EMERY	199	1	0	3	9	34	74	59	16	1	2
GRAND	105	0	0	1	6	17	37	28	13	3	0
SAN JUAN	346	1	4	2	9	52	156	92	23	6	1
SOUTHWEST	**1,581**	**2**	**8**	**14**	**64**	**233**	**589**	**491**	**154**	**21**	**5**
BEAVER	85	0	1	1	2	19	33	23	5	1	0
GARFIELD	84	0	0	0	5	11	31	28	7	2	0
IRON	429	1	0	6	18	68	156	131	40	7	2
KANE	91	1	2	0	2	14	42	24	4	1	1
WASHINGTON	892	0	5	7	37	121	327	285	98	10	2
SUMMIT	**246**	**0**	**2**	**4**	**12**	**49**	**88**	**72**	**17**	**1**	**1**
TOOELE	**424**	**0**	**5**	**1**	**18**	**75**	**187**	**109**	**27**	**2**	**0**
UINTAH BASIN	**686**	**0**	**3**	**7**	**34**	**154**	**291**	**156**	**33**	**8**	**0**
DAGGETT	12	0	0	0	0	5	5	1	1	0	0
DUCHESNE	247	0	1	2	11	59	104	53	17	0	0
UINTAH	427	0	2	5	23	90	182	102	15	8	0
UTAH COUNTY	**6,558**	**28**	**29**	**60**	**192**	**944**	**2,499**	**2,066**	**640**	**89**	**11**
WASATCH	**194**	**1**	**2**	**2**	**8**	**34**	**78**	**47**	**21**	**1**	**0**
WEBER-MORGAN	**3,188**	**20**	**12**	**47**	**149**	**604**	**1,256**	**851**	**218**	**29**	**2**
MORGAN	95	0	0	1	3	15	32	41	3	0	0
WEBER	3,093	20	12	46	146	589	1,224	810	215	29	2

TABLE A-7

BIRTHS BY MONTH PRENATAL CARE BEGAN BY NUMBER OF PRENATAL VISITS
RESIDENTS: UTAH, 1989

MONTH CARE BEGAN	TOTAL	NUMBER OF PRENATAL VISITS							
		NONE	1-5	6-9	10-14	15-18	19-27	28+	NOT STATED
TOTAL	**35,558**	**129**	**1,964**	**8,811**	**21,271**	**2,163**	**338**	**61**	**821**
NONE	112	102	1	0	1	0	0	0	8
1	4,122	2	57	517	2,692	714	99	11	30
2	15,708	3	227	2,822	11,345	1,058	168	30	55
3	9,313	0	289	2,770	5,831	327	53	10	33
4	2,614	0	235	1,345	963	38	9	8	16
5	1,247	0	257	713	252	9	3	0	13
6	686	0	249	356	71	4	1	0	5
7	420	0	254	145	17	0	0	2	2
8	284	0	233	45	5	0	0	0	1
9	109	1	104	2	0	1	0	0	1
NOT STATED	943	21	58	96	94	12	5	0	657

TABLE A-8

BIRTHS BY MONTH PRENATAL CARE BEGAN AND MOTHER'S HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	MONTH PRENATAL CARE BEGAN										
		NONE	1	2	3	4	5	6	7	8	9	NOT STATED
TOTAL	**35,558**	**112**	**4,122**	**15,708**	**9,313**	**2,614**	**1,247**	**686**	**420**	**284**	**109**	**943**
BEAR RIVER	**2,382**	**5**	**134**	**1,080**	**795**	**172**	**67**	**51**	**26**	**14**	**9**	**29**
BOX ELDER	700	0	37	344	192	45	26	15	15	5	2	19
CACHE	1,639	5	94	714	593	122	41	36	11	8	6	9
RICH	43	0	3	22	10	5	0	0	0	1	1	1
CENTRAL UTAH	**894**	**3**	**79**	**395**	**242**	**74**	**46**	**27**	**9**	**4**	**3**	**12**
JUAB	98	0	9	43	24	10	4	5	0	0	1	2
MILLARD	228	1	13	92	72	21	12	9	4	0	0	4
PIUTE	14	1	1	4	4	4	0	0	0	0	0	0
SANPETE	251	1	31	116	61	13	13	8	2	1	1	4
SEVIER	270	0	23	131	70	23	9	5	3	3	1	2
WAYNE	33	0	2	9	11	3	8	0	0	0	0	0
DAVIS	**3,915**	**4**	**669**	**1,769**	**923**	**261**	**114**	**47**	**30**	**11**	**7**	**80**
SALT LAKE	**14,536**	**47**	**1,453**	**6,008**	**4,143**	**1,109**	**561**	**294**	**193**	**147**	**39**	**542**
SOUTHEASTERN	**954**	**24**	**59**	**374**	**235**	**72**	**50**	**45**	**31**	**18**	**9**	**37**
CARBON	304	1	22	151	80	19	7	8	4	3	0	9
EMERY	199	1	11	102	52	8	6	6	3	2	1	7
GRAND	105	1	11	46	28	7	6	2	2	1	0	1
SAN JUAN	346	21	15	75	75	38	31	29	22	12	8	20
SOUTHWEST	**1,581**	**2**	**90**	**688**	**398**	**154**	**86**	**47**	**31**	**19**	**27**	**39**
BEAVER	85	0	10	30	27	10	3	0	0	0	0	5
GARFIELD	84	0	5	40	16	9	6	3	1	0	2	2
IRON	429	1	54	234	78	23	11	8	4	0	2	14
KANE	91	0	5	32	17	14	7	4	4	1	2	5
WASHINGTON	892	1	16	352	260	98	59	32	22	18	21	13
SUMMIT	**246**	**0**	**23**	**115**	**59**	**20**	**6**	**4**	**5**	**3**	**0**	**11**
TOOELE	**424**	**1**	**39**	**145**	**149**	**40**	**17**	**7**	**6**	**5**	**1**	**14**
UINTAH BASIN	**686**	**4**	**154**	**290**	**114**	**56**	**20**	**16**	**15**	**8**	**3**	**6**
DAGGETT	12	0	4	5	1	1	0	0	0	1	0	0
DUCHESNE	247	1	74	91	44	22	6	2	1	1	1	4
UINTAH	427	3	76	194	69	33	14	14	14	6	2	2
UTAH COUNTY	**6,558**	**15**	**742**	**3,365**	**1,608**	**425**	**190**	**93**	**40**	**30**	**5**	**45**
WASATCH	**194**	**0**	**14**	**90**	**60**	**20**	**3**	**2**	**1**	**1**	**0**	**3**
WEBER-MORGAN	**3,188**	**7**	**666**	**1,389**	**587**	**211**	**87**	**53**	**33**	**24**	**6**	**125**
MORGAN	95	0	28	41	10	7	2	0	1	0	0	6
WEBER	3,093	7	638	1,348	577	204	85	53	32	24	6	119

TABLE A-9

BIRTHS BY NUMBER OF PRENATAL VISITS AND MOTHER'S HEALTH
DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	NUMBER OF PRENATAL VISITS							
		NONE	1-5	6-9	10-14	15-18	19-27	28+	NOT STATED
TOTAL	**35,558**	**129**	**1,964**	**8,811**	**21,271**	**2,163**	**338**	**61**	**821**
BEAR RIVER	**2,382**	**6**	**66**	**387**	**1,738**	**135**	**18**	**0**	**32**
BOX ELDER	700	1	32	172	435	38	4	0	18
CACHE	1,639	5	32	194	1,284	97	14	0	13
RICH	43	0	2	21	19	0	0	0	1
CENTRAL UTAH	**894**	**3**	**48**	**282**	**479**	**53**	**13**	**3**	**13**
JUAB	98	0	6	30	57	2	1	1	1
MILLARD	228	1	14	76	109	20	4	0	4
PIUTE	14	1	1	5	6	1	0	0	0
SANPETE	251	1	12	63	144	21	4	2	4
SEVIER	270	0	10	92	151	9	4	0	4
WAYNE	33	0	5	16	12	0	0	0	0
DAVIS	**3,915**	**4**	**188**	**968**	**2,433**	**228**	**45**	**9**	**40**
SALT LAKE	**14,536**	**58**	**809**	**3,319**	**8,502**	**1,112**	**148**	**34**	**554**
SOUTHEASTERN	**954**	**23**	**108**	**391**	**365**	**25**	**1**	**2**	**39**
CARBON	304	1	16	150	121	6	0	1	9
EMERY	199	2	10	95	78	3	0	1	10
GRAND	105	0	3	25	68	7	1	0	1
SAN JUAN	346	20	79	121	98	9	0	0	19
SOUTHWEST	**1,581**	**5**	**181**	**587**	**642**	**98**	**14**	**1**	**53**
BEAVER	85	0	1	15	55	5	0	0	9
GARFIELD	84	1	7	23	42	7	1	0	3
IRON	429	2	15	62	259	56	9	1	25
KANE	91	0	17	35	30	3	2	0	4
WASHINGTON	892	2	141	452	256	27	2	0	12
SUMMIT	**246**	**0**	**13**	**81**	**126**	**15**	**0**	**1**	**10**
TOOELE	**424**	**1**	**15**	**92**	**259**	**37**	**5**	**0**	**15**
UINTAH BASIN	**686**	**5**	**44**	**134**	**400**	**74**	**24**	**2**	**3**
DAGGETT	12	0	2	4	5	1	0	0	0
DUCHESNE	247	2	10	43	156	23	10	1	2
UINTAH	427	3	32	87	239	50	14	1	1
UTAH COUNTY	**6,558**	**15**	**183**	**1,319**	**4,699**	**236**	**53**	**8**	**45**
WASATCH	**194**	**0**	**7**	**80**	**98**	**6**	**0**	**0**	**3**
WEBER-MORGAN	**3,188**	**9**	**302**	**1,171**	**1,530**	**144**	**17**	**1**	**14**
MORGAN	95	0	6	42	43	3	0	0	1
WEBER	3,093	9	296	1,129	1,487	141	17	1	13

TABLE A-10

BIRTHS BY RACE, BIRTH ORDER OF INFANT AND AGE OF MOTHER, RESIDENTS: UTAH, 1989

RACE AND BIRTH ORDER OF INFANT	TOTAL	AGE OF MOTHER										
		UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45 +	NOT STATED
			TOTAL	15-17	18-19							
TOTAL	**35,558**	**36**	**3,492**	**1,100**	**2,392**	**10,581**	**11,420**	**7,073**	**2,488**	**429**	**24**	**15**
FIRST	11,776	35	2,764	980	1,784	5,221	2,607	870	241	33	1	4
SECOND	9,302	1	612	104	508	3,536	3,432	1,347	342	29	0	3
THIRD	6,494	0	100	13	87	1,384	3,046	1,530	380	50	1	3
FOURTH	3,810	0	9	1	8	317	1,594	1,470	366	49	3	2
FIFTH	2,082	0	3	1	2	90	515	1,043	373	57	0	1
SIXTH OR MORE	2,031	0	0	0	0	16	201	801	784	209	19	1
NOT STATED	63	0	4	1	3	17	25	12	2	2	0	1
WHITE	**33,217**	**30**	**3,201**	**1,008**	**2,193**	**9,866**	**10,725**	**6,630**	**2,342**	**388**	**22**	**13**
FIRST	10,960	29	2,550	899	1,651	4,934	2,405	787	225	26	1	3
SECOND	8,690	1	551	95	456	3,303	3,247	1,236	323	26	0	3
THIRD	6,053	0	86	11	75	1,246	2,884	1,444	347	43	0	3
FOURTH	3,595	0	8	1	7	284	1,514	1,405	334	45	3	2
FIFTH	1,953	0	2	1	1	74	478	996	352	50	0	1
SIXTH OR MORE	1,909	0	0	0	0	10	174	751	759	197	18	0
NOT STATED	57	0	4	1	3	15	23	11	2	1	0	1
BLACK	**372**	**1**	**56**	**17**	**39**	**136**	**92**	**59**	**23**	**5**	**0**	**0**
FIRST	142	1	39	14	25	62	24	13	2	1	0	0
SECOND	109	0	15	3	12	40	31	19	4	0	0	0
THIRD	76	0	2	0	2	27	22	15	9	1	0	0
FOURTH	20	0	0	0	0	4	7	4	5	0	0	0
FIFTH	18	0	0	0	0	2	6	6	3	1	0	0
SIXTH OR MORE	6	0	0	0	0	1	1	2	0	2	0	0
NOT STATED	1	0	0	0	0	0	1	0	0	0	0	0

TABLE A-10 (CONTINUED)

BIRTHS BY RACE, BIRTH ORDER OF INFANT AND AGE OF MOTHER, RESIDENTS: UTAH, 1989

RACE AND BIRTH ORDER OF INFANT	TOTAL	AGE OF MOTHER										
		UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45 +	NOT STATED
			TOTAL	15-17	18-19							
INDIAN	**885**	**4**	**156**	**55**	**101**	**334**	**223**	**119**	**37**	**11**	**0**	**1**
FIRST	263	4	115	47	68	105	29	8	0	2	0	0
SECOND	222	0	31	6	25	118	53	18	1	1	0	0
THIRD	180	0	9	2	7	74	68	23	5	1	0	0
FOURTH	102	0	1	0	1	23	39	26	12	1	0	0
FIFTH	66	0	0	0	0	10	19	23	11	3	0	0
SIXTH OR MORE	51	0	0	0	0	3	15	21	8	3	0	1
NOT STATED	1	0	0	0	0	1	0	0	0	0	0	0
OTHER RACES	**1,057**	**1**	**74**	**19**	**55**	**241**	**375**	**259**	**82**	**23**	**2**	**0**
FIRST	398	1	56	19	37	118	147	59	13	4	0	0
SECOND	279	0	15	0	15	75	100	73	14	2	0	0
THIRD	182	0	2	0	2	36	71	48	19	5	1	0
FOURTH	92	0	0	0	0	6	34	35	14	3	0	0
FIFTH	44	0	1	0	1	4	12	18	6	3	0	0
SIXTH OR MORE	62	0	0	0	0	2	11	26	16	6	1	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	**27**	**0**	**5**	**1**	**4**	**4**	**5**	**6**	**4**	**2**	**0**	**1**
FIRST	13	0	4	1	3	2	2	3	1	0	0	1
SECOND	2	0	0	0	0	0	1	1	0	0	0	0
THIRD	3	0	1	0	1	1	1	0	0	0	0	0
FOURTH	1	0	0	0	0	0	0	0	1	0	0	0
FIFTH	1	0	0	0	0	0	0	0	1	0	0	0
SIXTH OR MORE	3	0	0	0	0	0	0	1	1	1	0	0
NOT STATED	4	0	0	0	0	1	1	1	0	1	0	0

TABLE A-11

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND MONTH PRENATAL CARE BEGAN, RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	MONTH PRENATAL CARE BEGAN									NOT STATED
		NONE	1	2	3	4	5	6	7	8	9	
TOTAL	35,558	112	4,122	15,708	9,313	2,614	1,247	686	420	284	109	943
UNDER 15	36	1	4	3	9	4	4	2	3	2	0	4
TOTAL 15-19	3,492	31	265	1,142	957	389	255	150	84	56	23	140
15-17	1,100	13	65	302	324	136	98	51	32	23	8	48
18-19	2,392	18	200	840	633	253	157	99	52	33	15	92
20-24	10,581	28	1,328	4,693	2,577	790	398	219	140	81	36	291
25-29	11,420	25	1,397	5,347	2,968	746	283	163	116	84	32	259
30-34	7,073	19	797	3,277	1,952	455	199	100	58	36	10	170
35-39	2,488	6	279	1,076	723	185	84	36	11	20	5	63
40-44	429	2	48	159	118	41	22	13	6	3	3	14
45+	24	0	3	7	6	2	2	3	1	0	0	0
NOT STATED	15	0	1	4	3	2	0	0	1	2	0	2
WHITE	33,217	71	3,935	14,998	8,738	2,360	1,077	562	332	226	80	838
UNDER 15	30	1	4	3	6	3	4	2	3	1	0	3
TOTAL 15-19	3,201	21	252	1,069	895	352	228	123	72	45	16	128
15-17	1,008	11	62	287	300	125	83	44	28	18	6	44
18-19	2,193	10	190	782	595	227	145	79	44	27	10	84
20-24	9,866	16	1,269	4,483	2,407	712	338	182	113	65	25	256
25-29	10,725	14	1,341	5,119	2,786	676	239	136	90	65	27	232
30-34	6,630	13	755	3,131	1,841	413	172	78	40	31	7	149
35-39	2,342	5	264	1,037	684	166	76	26	9	15	3	57
40-44	388	1	46	146	110	35	18	12	4	2	2	12
45+	22	0	3	6	6	2	2	3	0	0	0	0
NOT STATED	13	0	1	4	3	1	0	0	1	2	0	1
BLACK	372	4	33	125	104	36	23	12	7	3	3	22
UNDER 15	1	0	0	0	1	0	0	0	0	0	0	0
TOTAL 15-19	56	3	2	15	13	6	3	4	2	1	1	6
15-17	17	1	0	3	5	1	1	1	1	0	1	3
18-19	39	2	2	12	8	5	2	3	1	1	0	3
20-24	136	0	15	47	33	14	13	5	2	2	1	4
25-29	92	0	5	33	34	7	3	0	3	0	0	7
30-34	59	0	8	19	16	6	3	3	0	0	0	4
35-39	23	1	2	11	6	2	0	0	0	0	0	1
40-44	5	0	1	0	1	1	1	0	0	0	1	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-11 (CONTINUED)

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND MONTH PRENATAL CARE BEGAN, RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	MONTH PRENATAL CARE BEGAN										
		NONE	1	2	3	4	5	6	7	8	9	NOT STATED
INDIAN	**885**	**28**	**70**	**219**	**184**	**108**	**70**	**66**	**48**	**30**	**17**	**45**
UNDER 15	4	0	0	0	1	1	0	0	0	1	0	1
TOTAL 15-19	156	7	9	36	31	21	14	15	9	3	6	5
15-17	55	1	3	10	12	8	10	5	2	2	1	1
18-19	101	6	6	26	19	13	4	10	7	1	5	4
20-24	334	9	34	85	62	43	24	21	18	9	5	24
25-29	223	9	17	59	49	22	21	10	11	12	4	9
30-34	119	3	9	25	31	14	9	13	8	2	0	5
35-39	37	0	1	11	8	5	0	6	1	2	2	1
40-44	11	0	0	3	2	1	2	1	1	1	0	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	0	0	0	1	0	0	0	0	0	0
OTHER RACES	**1,057**	**8**	**83**	**360**	**280**	**106**	**74**	**46**	**33**	**25**	**9**	**33**
UNDER 15	1	0	0	0	1	0	0	0	0	0	0	0
TOTAL 15-19	74	0	2	20	16	10	9	8	1	7	0	1
15-17	19	0	0	2	6	2	4	1	1	3	0	0
18-19	55	0	2	18	10	8	5	7	0	4	0	1
20-24	241	3	10	78	72	21	23	11	7	5	5	6
25-29	375	2	34	134	98	40	19	17	12	7	1	11
30-34	259	3	25	101	63	20	15	6	10	3	3	10
35-39	82	0	11	16	25	11	8	4	1	3	0	3
40-44	23	0	1	10	5	4	0	0	1	0	0	2
45+	2	0	0	1	0	0	0	0	1	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	**27**	**1**	**1**	**6**	**7**	**4**	**3**	**0**	**0**	**0**	**0**	**5**
UNDER 15	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL 15-19	5	0	0	2	2	0	1	0	0	0	0	0
15-17	1	0	0	0	1	0	0	0	0	0	0	0
18-19	4	0	0	2	1	0	1	0	0	0	0	0
20-24	4	0	0	0	3	0	0	0	0	0	0	1
25-29	5	0	0	2	1	1	1	0	0	0	0	0
30-34	6	0	0	1	1	2	0	0	0	0	0	2
35-39	4	0	1	1	0	1	0	0	0	0	0	1
40-44	2	1	0	0	0	0	1	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	0	0	0	0	0	0	0	0	0	1

TABLE A-12

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND NUMBER OF PRENATAL VISITS
RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	NUMBER OF PRENATAL VISITS							
		NONE	1-5	6-9	10-14	15-18	19-27	28+	NOT STATED
TOTAL	**35,558**	**129**	**1,964**	**8,811**	**21,271**	**2,163**	**338**	**61**	**821**
UNDER 15	36	2	6	10	12	2	1	0	3
TOTAL 15-19	3,492	33	362	1,085	1,651	185	34	5	137
15-17	1,100	13	135	376	471	44	8	1	52
18-19	2,392	20	227	709	1,180	141	26	4	85
20-24	10,581	29	596	2,554	6,341	687	105	21	248
25-29	11,420	32	544	2,629	7,138	733	113	14	217
30-34	7,073	22	294	1,784	4,388	370	58	16	141
35-39	2,488	10	124	617	1,493	159	24	5	56
40-44	429	1	34	115	233	27	3	0	16
45+	24	0	0	13	10	0	0	0	1
NOT STATED	15	0	4	4	5	0	0	0	2
WHITE	**33,217**	**90**	**1,601**	**8,113**	**20,233**	**2,078**	**318**	**57**	**727**
UNDER 15	30	1	3	10	11	1	1	0	3
TOTAL 15-19	3,201	25	303	982	1,554	177	32	5	123
15-17	1,008	11	114	342	446	39	7	1	48
18-19	2,193	14	189	640	1,108	138	25	4	75
20-24	9,866	18	480	2,339	6,030	656	102	20	221
25-29	10,725	20	440	2,437	6,807	710	103	14	194
30-34	6,630	16	241	1,656	4,172	356	55	13	121
35-39	2,342	9	105	571	1,426	153	22	5	51
40-44	388	1	26	102	218	25	3	0	13
45+	22	0	0	12	10	0	0	0	0
NOT STATED	13	0	3	4	5	0	0	0	1
BLACK	**372**	**4**	**48**	**107**	**176**	**12**	**6**	**2**	**17**
UNDER 15	1	0	0	0	1	0	0	0	0
TOTAL 15-19	56	3	8	21	20	0	0	0	4
15-17	17	1	4	5	5	0	0	0	2
18-19	39	2	4	16	15	0	0	0	2
20-24	136	0	21	37	68	8	0	0	2
25-29	92	0	10	29	42	1	4	0	6
30-34	59	0	7	14	30	1	1	2	4
35-39	23	1	1	4	14	1	1	0	1
40-44	5	0	1	2	1	1	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0

TABLE A-12 (CONTINUED)

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND NUMBER OF PRENATAL VISITS
RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	NUMBER OF PRENATAL VISITS							
		NONE	1-5	6-9	10-14	15-18	19-27	28+	NOT STATED
INDIAN	**885**	**27**	**191**	**268**	**322**	**32**	**6**	**2**	**37**
UNDER 15	4	1	3	0	0	0	0	0	0
TOTAL 15-19	156	5	35	48	53	7	1	0	7
15-17	55	1	11	18	17	5	1	0	2
18-19	101	4	24	30	36	2	0	0	5
20-24	334	9	63	112	119	12	1	1	17
25-29	223	9	52	62	85	6	3	0	6
30-34	119	3	24	33	45	6	1	1	6
35-39	37	0	8	11	16	1	0	0	1
40-44	11	0	5	2	4	0	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	1	0	0	0	0	0	0
OTHER RACES	**1,057**	**8**	**120**	**316**	**533**	**40**	**8**	**0**	**32**
UNDER 15	1	0	0	0	0	1	0	0	0
TOTAL 15-19	74	0	16	31	24	1	1	0	1
15-17	19	0	6	10	3	0	0	0	0
18-19	55	0	10	21	21	1	1	0	1
20-24	241	2	31	66	122	11	2	0	7
25-29	375	3	41	99	202	16	3	0	11
30-34	259	3	22	79	140	6	1	0	8
35-39	82	0	9	31	35	4	1	0	2
40-44	23	0	1	9	10	1	0	0	2
45+	2	0	0	1	0	0	0	0	1
NOT STATED	0	0	0	0	0	0	0	0	0
NOT STATED	**27**	**0**	**4**	**7**	**7**	**1**	**0**	**0**	**8**
UNDER 15	0	0	0	0	0	0	0	0	0
TOTAL 15-19	5	0	0	3	0	0	0	0	2
15-17	1	0	0	1	0	0	0	0	0
18-19	4	0	0	2	0	0	0	0	2
20-24	4	0	1	0	2	0	0	0	1
25-29	5	0	1	2	2	0	0	0	0
30-34	6	0	0	2	1	1	0	0	2
35-39	4	0	1	0	2	0	0	0	1
40-44	2	0	1	0	0	0	0	0	1
45+	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	0	0	0	0	0	0	1

TABLE A-13

BIRTHS BY RACE, GENDER AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

RACE AND GENDER OF INFANT	TOTAL	BIRTH WEIGHT IN GRAMS									
		UNDER 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500- & OVER	UNKNOWN
TOTAL	**35,558**	**130**	**177**	**357**	**1,351**	**5,935**	**13,875**	**10,376**	**2,866**	**435**	**56**
MALE	18,355	62	106	188	622	2,586	6,731	5,906	1,835	299	20
FEMALE	17,203	68	71	169	729	3,349	7,144	4,470	1,031	136	36
WHITE	**33,217**	**118**	**160**	**333**	**1,257**	**5,466**	**12,926**	**9,782**	**2,730**	**398**	**47**
MALE	17,171	57	97	175	574	2,368	6,274	5,571	1,761	276	18
FEMALE	16,046	61	63	158	683	3,098	6,652	4,211	969	122	29
BLACK	**372**	**7**	**4**	**3**	**26**	**95**	**142**	**68**	**21**	**5**	**1**
MALE	184	3	1	2	13	43	68	38	13	3	0
FEMALE	188	4	3	1	13	52	74	30	8	2	1
INDIAN	**885**	**4**	**7**	**6**	**28**	**158**	**347**	**267**	**53**	**14**	**1**
MALE	473	2	4	3	13	75	178	156	32	9	1
FEMALE	412	2	3	3	15	83	169	111	21	5	0
OTHER RACE	**1,057**	**1**	**6**	**14**	**40**	**212**	**450**	**254**	**62**	**17**	**1**
MALE	513	0	4	7	22	97	206	137	29	10	1
FEMALE	544	1	2	7	18	115	244	117	33	7	0
NOT STATED	**27**	**0**	**0**	**1**	**0**	**4**	**10**	**5**	**0**	**1**	**6**
MALE	14	0	0	1	0	3	5	4	0	1	0
FEMALE	13	0	0	0	0	1	5	1	0	0	6

TABLE A-14

BIRTHS BY GESTATION PERIOD AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

GESTATION PERIOD IN WEEKS	TOTAL	BIRTH WEIGHT IN GRAMS									
		UNDER 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500- & OVER	UNKNOWN
TOTAL	35,558	130	177	357	1,351	5,935	13,875	10,376	2,866	435	56
UNDER 20	6	2	1	0	1	0	0	1	1	0	0
20-27	142	95	28	6	3	2	5	2	0	0	1
28-35	1,645	25	131	243	406	400	275	124	28	7	6
36	1,313	0	3	37	204	518	380	138	28	4	1
37	2,634	0	4	24	228	888	1,052	362	60	10	6
38	5,474	1	3	14	168	1,178	2,481	1,340	259	27	3
39	8,888	0	2	14	157	1,291	3,858	2,833	636	90	7
40	8,046	0	1	7	91	867	3,120	2,886	949	117	8
41	4,302	0	0	4	38	407	1,523	1,648	568	111	3
42	1,510	0	0	1	22	152	558	542	195	38	2
43	578	0	0	0	7	82	230	192	51	16	0
44	307	0	0	1	6	38	127	102	29	4	0
45 OR MORE	471	0	1	5	9	73	183	149	45	6	0
NOT STATED	242	7	3	1	11	39	83	57	17	5	19

TABLE A-15

BIRTHS BY NUMBER OF PREVIOUS BIRTHS, AGE AND EDUCATION OF MOTHER, RESIDENTS: UTAH, 1989

PREVIOUS BIRTHS AND AGE OF MOTHER	TOTAL	EDUCATION OF MOTHER: LESS THAN HIGH SCHOOL	HIGH SCHOOL GRADUATE	ONE OR MORE YEARS OF COLLEGE	NOT STATED
TOTAL	**35,558**	**4,668**	**12,662**	**17,976**	**252**
UNDER 20	3,528	1,932	1,368	178	50
20-29	22,001	2,285	8,633	10,938	145
30-OVER	10,014	449	2,656	6,856	53
NOT STATED	15	2	5	4	4
NO PREVIOUS BIRTHS TOTAL	**11,776**	**1,934**	**4,099**	**5,658**	**85**
UNDER 20	2,799	1,471	1,133	156	39
20-29	7,828	435	2,726	4,632	35
30-OVER	1,145	27	238	870	10
NOT STATED	4	1	2	0	1
ONE PREVIOUS BIRTH TOTAL	**9,302**	**1,150**	**3,465**	**4,628**	**59**
UNDER 20	613	377	211	18	7
20-29	6,968	725	2,815	3,381	47
30-OVER	1,718	48	438	1,227	5
NOT STATED	3	0	1	2	0
TWO PREVIOUS BIRTHS TOTAL	**6,494**	**805**	**2,466**	**3,171**	**52**
UNDER 20	100	71	23	2	4
20-29	4,430	639	1,876	1,878	37
30-OVER	1,961	95	566	1,290	10
NOT STATED	3	0	1	1	1
THREE PREVIOUS BIRTHS TOTAL	**3,810**	**391**	**1,383**	**2,021**	**15**
UNDER 20	9	8	0	1	0
20-29	1,911	295	833	774	9
30-OVER	1,888	88	549	1,245	6
NOT STATED	2	0	1	1	0
FOUR+ PREVIOUS BIRTHS TOTAL	**4,113**	**373**	**1,232**	**2,476**	**32**
UNDER 20	3	3	0	0	0
20-29	822	180	370	261	11
30-OVER	3,286	189	862	2,215	20
NOT STATED	2	1	0	0	1
NOT STATED TOTAL	**63**	**15**	**17**	**22**	**9**
UNDER 20	4	2	1	1	0
20-29	42	11	13	12	6
30-OVER	16	2	3	9	2
NOT STATED	1	0	0	0	1

TABLE A-16

BIRTHS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1989

AGE OF PARENT	TOTAL		EDUCATION OF PARENTS							
			LESS THAN HIGH SCHOOL		HIGH SCHOOL GRADUATE		ONE OR MORE YEARS OF COLLEGE		NOT STATED	
	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER
TOTAL	35,558	35,558	2,513	4,668	9,630	12,662	20,149	17,976	3,266	252
UNDER 15	0	36	0	36	0	0	0	0	0	0
15	3	111	3	109	0	1	0	0	0	1
16	28	340	24	329	2	7	0	0	2	4
17	123	649	91	536	25	102	2	1	5	10
18	293	1,014	117	501	152	471	13	29	11	13
19	500	1,378	147	421	266	787	68	148	19	22
20-24	6,270	10,581	742	1,505	2,600	4,543	2,832	4,461	96	72
25-29	11,269	11,420	753	780	3,369	4,090	7,047	6,477	100	73
30-34	8,479	7,073	382	344	2,125	2,036	5,890	4,666	82	27
35-39	3,814	2,488	129	84	687	527	2,970	1,857	28	20
40-44	1,218	429	42	21	191	89	969	313	16	6
45 OR MORE	492	24	40	0	125	4	316	20	11	0
NOT STATED	3,069	15	43	2	88	5	42	4	2,896	4

TABLE A-17

BIRTHS TO UNMARRIED MOTHERS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1989

AGE OF PARENT	TOTAL		EDUCATION OF PARENTS							
			LESS THAN HIGH SCHOOL		HIGH SCHOOL GRADUATE		ONE OR MORE YEARS OF COLLEGE		NOT STATED	
	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER
TOTAL	4,502	4,502	487	1,935	768	1,784	288	707	2,959	76
UNDER 15	0	31	0	31	0	0	0	0	0	0
15	1	86	1	84	0	1	0	0	0	1
16	18	224	17	216	0	4	0	0	1	4
17	58	353	43	301	10	46	0	0	5	6
18	94	479	50	256	34	204	2	13	8	6
19	125	515	43	183	56	279	13	39	13	14
20-24	542	1,544	134	522	287	713	75	289	46	20
25-29	390	800	106	224	180	363	70	196	34	17
30-34	192	330	32	97	82	122	59	109	19	2
35-39	62	112	13	15	23	39	22	54	4	4
40-44	25	23	2	5	13	10	8	7	2	1
45 OR MORE	19	0	5	0	5	0	8	0	1	0
NOT STATED	2,976	5	41	1	78	3	31	0	2,826	1

TABLE A-18

BIRTHS TO UNMARRIED MOTHERS BY AGE AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	AGE OF MOTHER										
		UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45 +	NOT STATED
			TOTAL	15-17	18-19							
TOTAL	4,502	31	1,657	663	994	1,544	800	330	112	23	0	5
BEAR RIVER	145	2	49	13	36	50	26	12	4	1	0	1
BOX ELDER	48	1	14	2	12	19	10	3	1	0	0	0
CACHE	95	1	35	11	24	31	16	9	3	0	0	0
RICH	2	0	0	0	0	0	0	0	0	1	0	1
CENTRAL UTAH	63	1	25	16	9	24	9	1	2	0	0	1
JUAB	8	0	2	1	1	3	3	0	0	0	0	0
MILLARD	12	0	5	3	2	4	1	0	1	0	0	1
PIUTE	0	0	0	0	0	0	0	0	0	0	0	0
SANPETE	16	1	8	5	3	6	1	0	0	0	0	0
SEVIER	24	0	9	6	3	11	3	1	0	0	0	0
WAYNE	3	0	1	1	0	0	1	0	1	0	0	0
DAVIS	395	1	168	68	100	138	61	20	6	1	0	0
SALT LAKE	2,297	16	805	314	491	791	418	184	71	12	0	0
SOUTHEASTERN	264	1	91	37	54	82	47	34	6	3	0	0
CARBON	59	0	21	5	16	20	8	7	3	0	0	0
EMERY	24	0	14	11	3	4	3	2	1	0	0	0
GRAND	32	0	15	6	9	9	3	4	0	1	0	0
SAN JUAN	149	1	41	15	26	49	33	21	2	2	0	0
SOUTHWEST	144	2	46	16	30	57	22	11	3	1	0	2
BEAVER	4	0	2	1	1	0	1	1	0	0	0	0
GARFIELD	5	0	2	0	2	2	0	0	1	0	0	0
IRON	41	0	14	6	8	13	9	4	0	0	0	1
KANE	12	0	4	1	3	7	1	0	0	0	0	0
WASHINGTON	82	2	24	8	16	35	11	6	2	1	0	1
SUMMIT	21	0	4	1	3	7	5	2	1	2	0	0
TOOELE	77	0	37	13	24	18	14	7	0	1	0	0
UINTAH BASIN	111	1	31	14	17	34	31	10	1	0	0	1
DAGGETT	2	0	1	1	0	0	0	0	0	0	0	1
DUCHESNE	32	0	9	4	5	11	9	3	0	0	0	0
UINTAH	77	1	21	9	12	25	22	7	1	0	0	0
UTAH COUNTY	402	5	175	82	93	129	67	18	6	2	0	0
WASATCH	14	0	8	5	3	5	1	0	0	0	0	0
WEBER-MORGAN	569	2	218	84	134	207	99	31	12	0	0	0
MORGAN	7	0	3	0	3	2	1	1	0	0	0	0
WEBER	562	2	215	84	131	205	98	30	12	0	0	0

TABLE A-19

BIRTHS BY MARITAL STATUS OF MOTHER, RACE OF INFANT AND AGE OF MOTHER, RESIDENTS: UTAH, 1989

MARITAL STATUS OF MOTHER AND RACE OF INFANT	TOTAL	AGE OF MOTHER										
		UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45 +	NOT STATED
			TOTAL	15-17	18-19							
TOTAL	**35,558**	**36**	**3,492**	**1,100**	**2,392**	**10,581**	**11,420**	**7,073**	**2,488**	**429**	**24**	**15**
WHITE	33,217	30	3,201	1,008	2,193	9,866	10,725	6,630	2,342	388	22	13
BLACK	372	1	56	17	39	136	92	59	23	5	0	0
INDIAN	885	4	156	55	101	334	223	119	37	11	0	1
OTHER RACE	1,057	1	74	19	55	241	375	259	82	23	2	0
NOT STATED	27	0	5	1	4	4	5	6	4	2	0	1
MARRIED	**31,056**	**5**	**1,835**	**437**	**1,398**	**9,037**	**10,620**	**6,743**	**2,376**	**406**	**24**	**10**
WHITE	29,381	4	1,733	410	1,323	8,571	10,059	6,368	2,243	372	22	9
BLACK	214	0	11	1	10	74	64	41	19	5	0	0
INDIAN	479	0	49	18	31	184	132	74	33	6	0	1
OTHER RACE	962	1	39	7	32	205	361	254	78	22	2	0
NOT STATED	20	0	3	1	2	3	4	6	3	1	0	0
NOT MARRIED	**4,502**	**31**	**1,657**	**663**	**994**	**1,544**	**800**	**330**	**112**	**23**	**0**	**5**
WHITE	3,836	26	1,468	598	870	1,295	666	262	99	16	0	4
BLACK	158	1	45	16	29	62	28	18	4	0	0	0
INDIAN	406	4	107	37	70	150	91	45	4	5	0	0
OTHER RACE	95	0	35	12	23	36	14	5	4	1	0	0
NOT STATED	7	0	2	0	2	1	1	0	1	1	0	1

TABLE A-20

BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

AGE OF MOTHER	TOTAL	BIRTH WEIGHT IN GRAMS									
		UNDER 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 & OVER	UNKNOWN
TOTAL	**35,558**	**130**	**177**	**357**	**1,351**	**5,935**	**13,875**	**10,376**	**2,866**	**435**	**56**
UNDER 15	36	2	1	1	2	6	14	8	1	1	0
TOTAL 15-19	3,492	22	29	53	197	732	1,479	800	163	14	3
15-17	1,100	9	7	11	71	258	461	234	45	4	0
18-19	2,392	13	22	42	126	474	1,018	566	118	10	3
20-24	10,581	37	45	126	467	1,899	4,343	2,863	697	90	14
25-29	11,420	41	57	96	372	1,835	4,430	3,487	951	133	18
30-34	7,073	16	32	54	224	1,035	2,594	2,273	717	118	10
35-39	2,488	10	9	15	72	360	872	796	285	61	8
40-44	429	2	4	11	17	61	132	136	50	15	1
45+	24	0	0	1	0	3	6	10	1	3	0
NOT STATED	15	0	0	0	0	4	5	3	1	0	2

TABLE A-21

BIRTHS BY MOTHER'S TOBACCO USE (AVERAGE NUMBER OF CIGARETTES PER DAY) AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

TOBACCO USED	TOTAL	BIRTH WEIGHT IN GRAMS								
		UNDER 1000	1000 1499	1500 1999	2000 2499	2500 2999	3000 3499	3500 3999	4000 4499	4500 & OVER	UNKNOWN
TOTAL	35,558	130	177	357	1,351	5,935	13,875	10,376	2,866	435	56
YES	3,623	18	29	66	278	1,088	1,434	596	95	15	4
NO. OF CIGARETTES											
01-09	1,080	4	10	23	63	287	447	196	42	7	1
10-19	1,340	12	11	19	106	416	523	222	24	4	3
20 OR MORE	1,078	2	7	22	96	358	419	147	23	4	0
UNKNOWN	125	0	1	2	13	27	45	31	6	0	0
NO	31,823	110	148	288	1,068	4,827	12,402	9,751	2,764	417	48
UNKNOWN	112	2	0	3	5	20	39	29	7	3	4

TABLE A-22

BIRTHS BY MOTHER'S ALCOHOL USE (AVERAGE NUMBER OF DRINKS PER WEEK) AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1989

ALCOHOL USED	TOTAL	BIRTH WEIGHT IN GRAMS									
		UNDER 1000	1000 1499	1500 1999	2000 2499	2500 2999	3000 3499	3500 3999	4000 4499	4500 & OVER	UNKNOWN
TOTAL	35,558	130	177	357	1,351	5,935	13,875	10,376	2,866	435	56
YES	892	3	7	20	57	227	350	185	34	8	1
NO. OF DRINKS											
ONE	550	2	6	6	31	134	214	128	22	6	1
TWO	112	0	1	2	7	28	49	20	4	1	0
MORE THAN 2	159	1	0	6	10	43	67	27	4	1	0
UNKNOWN	71	0	0	6	9	22	20	10	4	0	0
NO	34,556	125	170	334	1,287	5,689	13,485	10,163	2,827	425	51
UNKNOWN	110	2	0	3	7	19	40	28	5	2	4

TABLE A-23

BIRTHS BY FIVE-MINUTE APGAR SCORE AND BIRTH WEIGHT OF INFANT: UTAH, 1989

FIVE MINUTE APGAR SCORE	TOTAL	BIRTH WEIGHT IN GRAMS									
		UNDER 1000	1000 1499	1500 1999	2000 2499	2500 2999	3000 3499	3500 3999	4000 4499	4500 & OVER	UNKNOWN
TOTAL	**35,558**	**130**	**177**	**357**	**1,351**	**5,935**	**13,875**	**10,376**	**2,866**	**435**	**56**
0	24	8	1	0	0	3	7	2	2	0	1
1	46	27	5	2	4	2	2	0	1	0	3
2	27	9	2	4	2	1	6	3	0	0	0
3	33	6	6	4	2	4	5	4	2	0	0
4	46	6	5	3	4	10	10	5	3	0	0
5	102	10	13	9	9	21	12	22	5	0	1
6	281	10	19	18	54	49	70	42	12	5	2
7	777	26	47	51	93	160	197	137	50	14	2
8	3,638	12	45	103	270	744	1,238	870	298	54	4
9	28,489	10	30	151	866	4,629	11,512	8,622	2,321	333	15
10	1,935	1	1	10	43	288	774	630	158	23	7
UNKNOWN	160	5	3	2	4	24	42	39	14	6	21

TABLE A-24

BIRTHS BY HEALTH DISTRICT, COUNTY OF RESIDENCE AND AGE OF MOTHER WHERE MOTHER IS OF SPANISH ORIGIN: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	AGE OF MOTHER										
		UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45+	NOT STATED
			TOTAL	15-17	18-19							
TOTAL	1,889	8	379	148	231	642	498	263	82	16	0	1
BEAR RIVER	82	1	16	5	11	36	14	11	4	0	0	0
BOX ELDER	33	1	8	2	6	17	3	3	1	0	0	0
CACHE	48	0	8	3	5	18	11	8	3	0	0	0
RICH	1	0	0	0	0	1	0	0	0	0	0	0
CENTRAL UTAH	38	0	5	1	4	17	11	4	1	0	0	0
JUAB	0	0	0	0	0	0	0	0	0	0	0	0
MILLARD	16	0	1	0	1	8	3	3	1	0	0	0
PIUTE	0	0	0	0	0	0	0	0	0	0	0	0
SANPETE	16	0	1	0	1	7	7	1	0	0	0	0
SEVIER	4	0	2	1	1	2	0	0	0	0	0	0
WAYNE	2	0	1	0	1	0	1	0	0	0	0	0
DAVIS	147	0	28	15	13	58	31	21	7	2	0	0
SALT LAKE	944	4	193	71	122	300	272	131	37	7	0	0
SOUTHEASTERN	58	0	13	4	9	18	16	8	3	0	0	0
CARBON	34	0	9	3	6	11	6	6	2	0	0	0
EMERY	7	0	2	1	1	0	5	0	0	0	0	0
GRAND	3	0	0	0	0	2	1	0	0	0	0	0
SAN JUAN	14	0	2	0	2	5	4	2	1	0	0	0
SOUTHWEST	33	0	2	1	1	10	11	3	6	1	0	0
BEAVER	1	0	0	0	0	0	0	0	1	0	0	0
GARFIELD	1	0	0	0	0	0	1	0	0	0	0	0
IRON	5	0	0	0	0	3	1	1	0	0	0	0
KANE	4	0	1	1	0	1	0	0	2	0	0	0
WASHINGTON	22	0	1	0	1	6	9	2	3	1	0	0
SUMMIT	6	0	2	1	1	2	1	1	0	0	0	0
TOOELE	47	0	11	2	9	15	13	4	4	0	0	0
UINTAH BASIN	22	0	6	3	3	9	6	1	0	0	0	0
DAGGETT	0	0	0	0	0	0	0	0	0	0	0	0
DUCHESNE	10	0	3	1	2	5	2	0	0	0	0	0
UINTAH	12	0	3	2	1	4	4	1	0	0	0	0
UTAH COUNTY	219	0	24	9	15	78	58	47	7	4	0	1
WASATCH	6	0	1	1	0	1	2	0	1	1	0	0
WEBER-MORGAN	287	3	78	35	43	98	63	32	12	1	0	0
MORGAN	0	0	0	0	0	0	0	0	0	0	0	0
WEBER	287	3	78	35	43	98	63	32	12	1	0	0

TABLE A-25

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND NUMBER OF PRENATAL VISITS WHERE MOTHER IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	NUMBER OF PRENATAL VISITS: NONE	1-5	6-9	10-14	15-18	19-27	28+	NOT STATED
TOTAL	**1,889**	**26**	**242**	**580**	**861**	**86**	**10**	**6**	**78**
UNDER 15	8	0	3	3	1	0	1	0	0
TOTAL 15-19	379	7	60	143	137	10	1	0	21
15-17	148	4	28	55	51	3	0	0	7
18-19	231	3	32	88	86	7	1	0	14
20-24	642	5	76	211	294	28	3	1	24
25-29	498	8	70	129	236	30	4	2	19
30-34	263	6	19	67	143	12	1	3	12
35-39	82	0	8	25	43	5	0	0	1
40-44	16	0	6	2	7	1	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	0	0	0	0	0	0	1
WHITE	**1,772**	**26**	**229**	**547**	**805**	**80**	**10**	**6**	**69**
UNDER 15	8	0	3	3	1	0	1	0	0
TOTAL 15-19	353	7	54	134	129	10	1	0	18
15-17	139	4	25	52	49	3	0	0	6
18-19	214	3	29	82	80	7	1	0	12
20-24	603	5	73	198	275	26	3	1	22
25-29	467	8	66	122	221	27	4	2	17
30-34	249	6	19	64	134	12	1	3	10
35-39	76	0	8	24	39	4	0	0	1
40-44	15	0	6	2	6	1	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	0	0	0	0	0	0	1
BLACK	**30**	**0**	**5**	**8**	**13**	**2**	**0**	**0**	**2**
UNDER 15	0	0	0	0	0	0	0	0	0
TOTAL 15-19	6	0	2	3	1	0	0	0	0
15-17	4	0	2	1	1	0	0	0	0
18-19	2	0	0	2	0	0	0	0	0
20-24	10	0	1	3	5	1	0	0	0
25-29	9	0	2	1	4	1	0	0	1
30-34	4	0	0	1	2	0	0	0	1
35-39	1	0	0	0	1	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0

TABLE A-25 (CONTINUED)

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND NUMBER OF PRENATAL VISITS WHERE MOTHER IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	NUMBER OF PRENATAL VISITS							
		NONE	1-5	6-9	10-14	15-18	19-27	28+	NOT STATED
INDIAN	**38**	**0**	**4**	**9**	**20**	**0**	**0**	**0**	**5**
UNDER 15	0	0	0	0	0	0	0	0	0
TOTAL 15-19	12	0	3	2	4	0	0	0	3
15-17	4	0	1	1	1	0	0	0	1
18-19	8	0	2	1	3	0	0	0	2
20-24	17	0	1	6	8	0	0	0	2
25-29	5	0	0	1	4	0	0	0	0
30-34	3	0	0	0	3	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	1	0	0	0	1	0	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0
OTHER RACES	**47**	**0**	**4**	**15**	**22**	**4**	**0**	**0**	**2**
UNDER 15	0	0	0	0	0	0	0	0	0
TOTAL 15-19	8	0	1	4	3	0	0	0	0
15-17	1	0	0	1	0	0	0	0	0
18-19	7	0	1	3	3	0	0	0	0
20-24	12	0	1	4	6	1	0	0	0
25-29	17	0	2	5	7	2	0	0	1
30-34	6	0	0	1	4	0	0	0	1
35-39	4	0	0	1	2	1	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0
NOT STATED	**2**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**
UNDER 15	0	0	0	0	0	0	0	0	0
TOTAL 15-19	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0
18-19	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0
30-34	1	0	0	1	0	0	0	0	0
35-39	1	0	0	0	1	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0

TABLE A-26

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND MONTH PRENATAL CARE BEGAN
WHERE MOTHER IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	MONTH PRENATAL CARE BEGAN										
		NONE	1	2	3	4	5	6	7	8	9	NOT STATED
TOTAL	**1,889**	**24**	**177**	**638**	**452**	**210**	**123**	**72**	**51**	**37**	**12**	**93**
UNDER 15	8	0	1	1	2	2	0	1	0	1	0	0
TOTAL 15-19	379	8	25	79	111	54	35	22	14	9	0	22
15-17	148	4	8	25	52	16	14	10	8	4	0	7
18-19	231	4	17	54	59	38	21	12	6	5	0	15
20-24	642	5	61	252	127	63	52	26	16	7	6	27
25-29	498	6	49	189	109	52	21	13	18	13	3	25
30-34	263	5	34	83	72	25	11	7	3	5	2	16
35-39	82	0	4	30	29	11	4	0	0	2	0	2
40-44	16	0	3	4	2	3	0	3	0	0	1	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	0	0	0	0	0	0	0	0	0	1
WHITE	**1,772**	**23**	**170**	**605**	**414**	**196**	**118**	**68**	**47**	**35**	**11**	**85**
UNDER 15	8	0	1	1	2	2	0	1	0	1	0	0
TOTAL 15-19	353	7	24	76	103	50	33	19	13	8	0	20
15-17	139	4	8	24	48	15	13	10	7	3	0	7
18-19	214	3	16	52	55	35	20	9	6	5	0	13
20-24	603	5	59	235	118	59	49	25	16	7	5	25
25-29	467	6	46	181	96	50	21	13	16	12	3	23
30-34	249	5	34	80	67	22	11	7	2	5	2	14
35-39	76	0	3	29	26	10	4	0	0	2	0	2
40-44	15	0	3	3	2	3	0	3	0	0	1	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	1	0	0	0	0	0	0	0	0	0	0	1
BLACK	**30**	**0**	**1**	**10**	**10**	**2**	**3**	**0**	**2**	**0**	**0**	**2**
UNDER 15	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL 15-19	6	0	0	1	3	0	1	0	1	0	0	0
15-17	4	0	0	0	2	0	1	0	1	0	0	0
18-19	2	0	0	1	1	0	0	0	0	0	0	0
20-24	10	0	1	5	1	1	2	0	0	0	0	0
25-29	9	0	0	2	5	0	0	0	1	0	0	1
30-34	4	0	0	1	1	1	0	0	0	0	0	1
35-39	1	0	0	1	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-26 (CONTINUED)

BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND MONTH PRENATAL CARE BEGAN
WHERE MOTHER IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989

INFANTS RACE AND MOTHERS AGE	TOTAL	MONTH PRENATAL CARE BEGAN										
		NONE	1	2	3	4	5	6	7	8	9	NOT STATED
INDIAN	**38**	**1**	**2**	**11**	**11**	**4**	**1**	**3**	**0**	**1**	**0**	**4**
UNDER 15	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL 15-19	12	1	1	1	3	1	0	2	0	1	0	2
15-17	4	0	0	0	2	1	0	0	0	1	0	0
18-19	8	1	1	1	1	0	0	2	0	0	0	2
20-24	17	0	1	8	3	1	1	1	0	0	0	2
25-29	5	0	0	1	3	1	0	0	0	0	0	0
30-34	3	0	0	0	2	1	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	1	0	0	1	0	0	0	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0
OTHER RACES	**47**	**0**	**4**	**12**	**17**	**6**	**1**	**1**	**2**	**1**	**1**	**2**
UNDER 15	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL 15-19	8	0	0	1	2	3	1	1	0	0	0	0
15-17	1	0	0	1	0	0	0	0	0	0	0	0
18-19	7	0	0	0	2	3	1	1	0	0	0	0
20-24	12	0	0	4	5	2	0	0	0	0	1	0
25-29	17	0	3	5	5	1	0	0	1	1	0	1
30-34	6	0	0	2	2	0	0	0	1	0	0	1
35-39	4	0	1	0	3	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	**2**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**
UNDER 15	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL 15-19	0	0	0	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0	0	0
18-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0	0
30-34	1	0	0	0	0	1	0	0	0	0	0	0
35-39	1	0	0	0	0	1	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45+	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-27

BIRTHS BY MARITAL STATUS OF MOTHER, RACE OF INFANT AND AGE OF MOTHER
WHERE MOTHER IS OF SPANISH ORIGIN, RESIDENTS: UTAH, 1989

MARITAL STATUS OF MOTHER AND RACE OF INFANT	TOTAL	AGE OF MOTHER										
		UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45+	NOT STATED
			TOTAL	15-17	18-19							
TOTAL	**1,889**	**8**	**379**	**148**	**231**	**642**	**498**	**263**	**82**	**16**	**0**	**1**
WHITE	1,772	8	353	139	214	603	467	249	76	15	0	1
BLACK	30	0	6	4	2	10	9	4	1	0	0	0
INDIAN	38	0	12	4	8	17	5	3	0	1	0	0
OTHER RACE	47	0	8	1	7	12	17	6	4	0	0	0
NOT STATED	2	0	0	0	0	0	0	1	1	0	0	0
BIRTHS IN WEDLOCK	**1,263**	**1**	**133**	**47**	**86**	**431**	**395**	**220**	**68**	**14**	**0**	**1**
WHITE	1,179	1	122	45	77	404	368	206	64	13	0	1
BLACK	16	0	1	0	1	5	6	4	0	0	0	0
INDIAN	24	0	3	1	2	12	5	3	0	1	0	0
OTHER RACE	43	0	7	1	6	10	16	6	4	0	0	0
NOT STATED	1	0	0	0	0	0	0	1	0	0	0	0
BIRTHS NOT IN WEDLOCK	**626**	**7**	**246**	**101**	**145**	**211**	**103**	**43**	**14**	**2**	**0**	**0**
WHITE	593	7	231	94	137	199	99	43	12	2	0	0
BLACK	14	0	5	4	1	5	3	0	1	0	0	0
INDIAN	14	0	9	3	6	5	0	0	0	0	0	0
OTHER RACE	4	0	1	0	1	2	1	0	0	0	0	0
NOT STATED	1	0	0	0	0	0	0	0	1	0	0	0

TABLE A-28

BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1989

COUNTY OR CITY	BIRTH OCCURRENCE	BIRTH RESIDENCE	DEATH OCCURRENCE	DEATH RESIDENCE
TOTAL	**36,546**	**35,558**	**9,635**	**9,223**
BEAVER	**104**	**85**	**47**	**52**
BEAVER CITY	82	44	23	22
MILFORD	22	19	21	19
MINERSVILLE	0	10	2	6
BEAVER BALANCE	0	12	1	5
BOX ELDER	**548**	**700**	**192**	**227**
BEAR RIVER	0	10	1	2
BRIGHAM CITY	462	309	114	110
CORINNE	1	17	6	13
GARLAND	0	32	1	8
HONEYVILLE	0	13	0	0
PERRY	0	14	0	2
TREMONTON	80	102	43	30
WILLARD	2	26	6	12
BOX ELDER BALANCE	3	177	21	50
CACHE	**1,808**	**1,639**	**304**	**316**
CLARKSTON	0	12	0	2
HYDE PARK	1	52	1	10
HYRUM	1	105	2	20
LEWISTON	2	27	2	9
LOGAN	1,802	926	268	171
MENDON	0	11	1	4
MILLVILLE	0	9	1	2
NEWTON	0	15	4	4
NIBLEY	0	18	0	2
NORTH LOGAN	0	80	1	9
PROVIDENCE	0	62	3	16
PARADISE	1	8	0	2
RICHMOND	0	44	3	8
RIVER HEIGHTS	0	25	0	3
SMITHFIELD	0	103	4	21
WELLSVILLE	0	26	4	15
CACHE BALANCE	1	116	10	18
CARBON	**478**	**304**	**168**	**178**
EAST CARBON	0	16	4	21
HELPER	0	39	5	24
PRICE	359	164	138	83
SUNNYSIDE	0	1	2	3
WELLINGTON	1	23	1	13
CARBON BALANCE	118	61	18	34
DAGGETT	**0**	**12**	**3**	**2**
DUTCH JOHN	0	3	0	0
MANILA	0	4	1	1
DAGGETT BALANCE	0	5	2	1
DAVIS	**2,263**	**3,915**	**580**	**697**
BOUNTIFUL	896	663	294	232
CENTERVILLE	1	196	16	33
CLEARFIELD	2	420	59	64
CLINTON	2	162	7	14
FARMINGTON	1	187	10	32
FRUIT HEIGHTS	0	47	5	12
KAYSVILLE	0	278	13	64
LAYTON	879	927	114	113
N SALT LAKE	1	200	15	30
SOUTH WEBER	1	41	5	8
SUNSET	1	107	7	25
SYRACUSE	0	106	5	12
VAL VERDE	1	73	8	14
WEST BOUNTIFUL	0	94	0	8
WEST POINT	0	83	9	13
WOODS CROSS	2	118	4	13
DAVIS BALANCE	476	213	9	10

TABLE A-28 (CONTINUED)

BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1989

COUNTY OR CITY	BIRTH OCCURRENCE	BIRTH RESIDENCE	DEATH OCCURRENCE	DEATH RESIDENCE
DUCHESNE	491	247	68	64
DUCHESNE CITY	0	18	0	2
MYTON	1	8	0	5
ROOSEVELT	490	84	48	15
DUCHESNE BALANCE	0	137	20	42
EMERY	4	199	49	70
CASTLE DALE	1	31	4	7
CLEVELAND	0	6	1	4
FERRON	0	34	21	13
GREEN RIVER	1	19	2	11
HUNTINGTON	0	40	4	13
ORANGEVILLE	0	30	3	9
EMERY BALANCE	2	39	14	13
GARFIELD	93	84	27	28
ESCALANTE	0	28	2	11
PANGUITCH	90	28	22	8
GARFIELD BALANCE	3	28	3	9
GRAND	88	105	32	36
MOAB	88	70	25	25
GRAND BALANCE	0	35	7	11
IRON	399	429	80	98
CEDAR CITY	396	320	60	67
ENOCH	0	2	3	3
PAROWAN	1	24	3	10
IRON BALANCE	2	83	14	18
JUAB	49	98	57	59
EUREKA	0	5	3	11
NEPHI	41	65	45	43
MONA	1	8	1	1
JUAB BALANCE	7	20	8	4
KANE	50	91	29	26
KANAB	46	56	19	17
ORDERVILLE	0	7	0	3
NOT STATED	0	0	1	0
KANE BALANCE	4	28	9	6
MILLARD	158	228	55	70
DELTA	82	63	32	24
FILLMORE	74	45	13	17
HINCKLEY	0	15	0	3
KANOSH	0	8	1	1
MILLARD BALANCE	2	97	9	25
MORGAN	0	95	10	34
MORGAN CITY	0	53	2	18
MORGAN BALANCE	0	42	8	16
PIUTE	0	14	4	18
CIRCLEVILLE	0	6	3	11
MARYSVALE	0	5	1	3
PIUTE BALANCE	0	3	0	4
RICH	0	43	2	8
RANDOLPH	0	16	1	1
WOODRUFF	0	5	0	1
RICH BALANCE	0	22	1	6

TABLE A-28 (CONTINUED)

BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1989

COUNTY OR CITY	BIRTH OCCURRENCE	BIRTH RESIDENCE	DEATH OCCURRENCE	DEATH RESIDENCE
SALT LAKE	16,374	14,536	4,666	3,979
BENNION	2	162	71	31
BLUFFDALE	10	43	2	10
CANYON RIM	0	137	18	69
COTTONWOOD	13	508	50	110
COTTONWOOD WEST	1	185	29	97
DRAPER	7	99	29	32
E. MIDVALE-UNION	5	306	16	60
EAST MILLCREEK	1	298	166	178
GRANITE	3	37	5	5
GRANITE PARK	1,429	617	580	254
HERRIMAN	1	10	2	5
HOLLADAY	2	199	120	108
KEARNS	8	593	38	98
LITTLE COTTONWOOD CR	1	38	9	14
MAGNA	5	381	26	85
MIDVALE	3	291	28	97
MT OLYMPUS	1	81	22	54
MURRAY	2,819	615	291	206
RIVERTON	12	259	6	25
SALT LAKE CITY	8,567	3,272	2,324	1,517
SANDY	1,344	1,455	272	176
SOUTH JORDAN	2	205	11	21
SOUTH SALT LAKE	1	273	52	113
TAYLORSVILLE	10	487	34	101
WEST JORDAN	428	1,011	137	102
WEST VALLEY CITY	1,251	1,956	274	305
WHITE CITY	3	101	9	22
NOT STATED	0	0	11	0
SALT LAKE CO BALANCE	445	917	34	84
SAN JUAN	262	346	83	62
BLANDING	1	78	28	16
MONTICELLO	144	34	33	14
MONUMENT VALLEY	114	5	6	1
SAN JUAN BALANCE	3	229	16	31
SANPETE	254	251	85	126
CENTERFIELD	0	14	0	5
EPHRAIM	0	45	7	22
FAIRVIEW	0	16	1	7
FOUNTAIN GREEN	0	10	1	5
GUNNISON	154	21	32	13
MANTI	3	36	8	17
MORONI	0	21	1	7
MT PLEASANT	97	29	20	18
SPRING CITY	0	7	0	10
SANPETE BALANCE	0	52	15	22
SEVIER	190	270	97	129
ANNABELLA	0	10	2	5
AURORA	0	15	0	4
ELSINORE	0	9	1	15
GLENWOOD	0	11	1	3
MONROE	0	21	3	13
REDMOND	0	13	0	1
RICHFIELD	188	108	79	50
SALINA	2	45	5	21
SEVIER BALANCE	0	38	6	17
SUMMIT	9	246	18	44
COALVILLE	6	16	3	12
HENEFER	0	10	1	3
KAMAS	0	29	0	5
OAKLEY	0	6	0	2
PARK CITY	1	88	3	10
SUMMIT BALANCE	2	97	11	12

TABLE A-28 (CONTINUED)

BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1989

COUNTY OR CITY	BIRTH OCCURRENCE	BIRTH RESIDENCE	DEATH OCCURRENCE	DEATH RESIDENCE
TOOELE	**122**	**424**	**149**	**183**
DUGWAY	0	24	1	2
GRANTSVILLE	0	69	5	25
RUSH VALLEY	0	1	0	2
STOCKTON	0	5	1	5
TOOELE CITY	122	213	116	120
WENDOVER	0	46	3	6
TOOELE BALANCE	0	66	23	23
UINTAH	**165**	**427**	**87**	**112**
BALLARD	0	1	0	0
FT DUCHESNE	0	15	2	5
VERNAL	165	130	68	42
UINTAH BALANCE	0	281	17	65
UTAH	**6,857**	**6,558**	**1,121**	**1,084**
ALPINE	2	64	9	13
AMERICAN FORK	1,060	358	151	80
CEDAR HILLS	1	21	0	2
GENOLA	0	20	0	1
GOSHEN	0	8	3	3
HIGHLAND	4	60	3	4
LEHI	4	187	16	43
LINDON	6	83	3	15
MAPLETON	1	51	6	11
OREM	990	1,901	115	250
PAYSON	947	213	93	55
PLEASANT GROVE	7	332	28	52
PROVO	3,828	2,376	622	330
SALEM	0	45	3	13
SANTAQUIN	2	58	4	16
SPANISH FORK	2	287	28	59
SPRINGVILLE	0	347	17	86
UTAH CO BALANCE	3	147	20	51
WASATCH	**142**	**194**	**60**	**69**
HEBER	142	125	47	40
MIDWAY	0	30	3	11
WASATCH BALANCE	0	39	10	18
WASHINGTON	**1,282**	**892**	**395**	**353**
BLOOMINGTON	0	0	0	1
COLORADO CITY	165	49	4	3
ENTERPRISE	0	15	2	4
HURRICANE	2	80	54	50
IVINS	1	30	2	6
LAVERKIN	5	32	4	17
ST GEORGE	1,106	490	293	202
SANTA CLARA	1	48	7	12
WASHINGTON CITY	1	83	10	27
WASHINGTON BALANCE	1	65	19	31
WAYNE	**0**	**33**	**6**	**22**
WAYNE BALANCE	0	27	6	20
LOA	0	6	0	2
WEBER	**4,356**	**3,093**	**1,161**	**1,077**
HARRISVILLE	0	80	3	13
HUNTSVILLE	2	18	3	7
NORTH OGDEN	3	186	8	26
OGDEN	3,019	1,401	658	575
PLAIN CITY	0	34	4	9
PLEASANT VIEW	1	52	6	17
RIVERDALE	1	124	9	35
ROY	2	517	59	126
SOUTH OGDEN	1	205	83	112
UINTAH	0	16	4	6
WASHINGTON TERRACE	1,321	142	309	80
WEBER BALANCE	6	318	15	71

TABLE A-29

BIRTHS, BIRTHS UNDER 2,500 GRAMS, FETAL DEATHS AND SELECTED CAUSES OF INFANT DEATH BY INSTITUTION, COUNTY OF OCCURRENCE: UTAH, 1989

COUNTY INSTITUTION OCCURRENCE	TOTAL BIRTHS	BIRTHS UNDER 2,500G	FETAL DEATH	INFANT DEATH TOTAL	NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 460-519	DIGESTIVE SYSTEM 520-579	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	PERINATAL CONDITIONS 760-779	SUDDEN DEATH 798.0	ALL OTHER CAUSES
TOTAL	**36,546**	**2,165**	**239**	**325**	**7**	**7**	**0**	**88**	**15**	**93**	**78**	**37**
BEAVER	**104**	**3**	**.**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
BEAVER VALLEY	82	2		.	.	.	.	.	.	.	.	.
MILFORD VALLEY MEM.	22	1	.	1	0	1	0	0	0	0	0	0
BOX ELDER	**548**	**17**	**2**	**4**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**2**
BRIGHAM CITY COMM.	460	15	1	1	0	0	0	0	0	0	0	1
BEAR RIVER VALLEY	79	2	1	1	0	0	0	0	0	0	1	0
HOME	9	.	.	2	0	0	0	1	0	0	0	1
CACHE	**1,808**	**65**	**10**	**9**	**1**	**0**	**0**	**2**	**0**	**2**	**3**	**1**
LOGAN REGIONAL HOSP.	1,790	65	10	6	1	0	0	1	0	2	2	0
HOME	18	.	.	2	0	0	0	0	0	0	1	1
NURSING HOMES	.	.	.	1	0	0	0	1	0	0	0	0
CARBON	**478**	**39**	**2**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
CASTLE VIEW	476	39	2	1	0	0	0	0	0	0	1	0
HOME	2	.	.	1	0	0	0	0	0	0	1	0
DAVIS	**2,263**	**87**	**9**	**12**	**0**	**0**	**0**	**0**	**1**	**2**	**6**	**3**
LAKEVIEW HOSPITAL	892	31	4	4	0	0	0	0	0	2	0	2
HUMANA HOSP. DAVIS N.	873	43	4	2	0	0	0	0	1	0	1	0
USAF HOSPITAL HILL	474	12	1	1	0	0	0	0	0	0	1	0
HOME	23	.	.	4	0	0	0	0	0	0	3	1
ENROUTE	1	1	.	.	.	.	.	.	.	.	.	.
OTHER LOCATIONS	.	.	.	1	0	0	0	0	0	0	1	0
DUCHENSE	**491**	**30**	**1**	**.**	**.**	**.**	**.**	**.**	**.**	**.**	**.**	**.**
DUCHESNE COUNTY	490	30	1	.	.	.	.	.	.	.	.	.
HOME	1	.	.	.	.	.	.	.	.	.	.	.
EMERY	**4**	**.**	**.**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
HOME	3	.	.	1	0	0	0	1	0	0	0	0
DR. OFFICE,RST HME,PRISN	1	.	.	.	.	.	.	.	.	.	.	.

TABLE A-29 (CONTINUED)

BIRTHS, BIRTHS UNDER 2,500 GRAMS, FETAL DEATHS AND SELECTED CAUSES OF INFANT DEATH BY INSTITUTION, COUNTY OF OCCURRENCE: UTAH, 1989

COUNTY INSTITUTION OCCURRENCE	TOTAL BIRTHS	BIRTHS UNDER 2,500G	FETAL DEATH	INFANT DEATH TOTAL	NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 460-519	DIGESTIVE SYSTEM 520-579	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	PERINATAL CONDITIONS 760-779	SUDDEN DEATH 798.0	ALL OTHER CAUSES
GARFIELD	93	5	.	.	.	.	.	.	.	.	.	.
GARFIELD MEMORIAL	90	5	.	.	.	.	.	.	.	.	.	.
HOME	2	.	.	.	.	.	.	.	.	.	.	.
ENROUTE	1	.	.	.	.	.	.	.	.	.	.	.
GRAND	88	4	3	.	.	.	.	.	.	.	.	.
ALLEN MEMORIAL	87	4	3	.	.	.	.	.	.	.	.	.
HOME	1	.	.	.	.	.	.	.	.	.	.	.
IRON	399	18	2	3	0	0	0	1	0	0	2	0
VALLEY VIEW MED. CEN.	392	18	2	1	0	0	0	1	0	0	0	0
HOME	6	.	.	2	0	0	0	0	0	0	2	0
OTHER LOCATIONS	1	.	.	.	.	.	.	.	.	.	.	.
JUAB	49	2	1	.	.	.	.	.	.	.	.	.
CENTRAL VLY MED. CEN.	41	2	1	.	.	.	.	.	.	.	.	.
HOME	8	.	.	.	.	.	.	.	.	.	.	.
KANE	50	1	.	1	0	0	0	0	1	0	0	0
KANE COUNTY	46	1	.	1	0	0	0	0	1	0	0	0
HOME	4	.	.	.	.	.	.	.	.	.	.	.
MILLARD	158	6	.	1	0	0	0	1	0	0	0	0
FILLMORE MED. CEN.	74	6	.	1	0	0	0	1	0	0	0	0
DELTA COMM. MED. CEN.	82	.	.	.	.	.	.	.	.	.	.	.
HOME	2	.	.	.	.	.	.	.	.	.	.	.
SALT LAKE	16,374	1,155	132	194	6	6	0	59	4	59	37	23
JORDAN VLY HOLY CROSS	404	16	1	2	0	0	0	0	0	0	2	0
ALTA VIEW HOSPITAL	1,321	38	3	2	0	0	0	0	0	0	2	0
COTTONWOOD MED. CEN.	2,816	110	17	3	0	1	0	0	0	1	1	0
HOLY CROSS	2,912	114	23	4	0	0	0	2	0	1	0	1
LDS	3,605	260	23	17	0	0	0	7	0	9	0	1
PRIMARY CHILDREN"S	.	.	.	90	5	4	0	39	2	20	6	14
ST. MARK"S	1,840	65	12	5	0	0	0	0	0	3	2	0
UNIVERSITY MED. CEN.	1,990	500	46	37	0	1	0	6	2	24	0	4
PIONEER VALLEY	794	34	3	11	1	0	0	1	0	1	7	1
BIRTH SUITE (FHP)	441	10	1	.	.	.	.	.	.	.	.	.
BIRTH AND FAMILY CEN.	2	.	.	.	.	.	.	.	.	.	.	.
UTAH WOMEN"S CLINIC	.	.	2	.	.	.	.	.	.	.	.	.
CLINICS	1	.	.	.	.	.	.	.	.	.	.	.
HOME	245	7	.	23	0	0	0	4	0	0	17	2
ENROUTE	2	1	1	.	.	.	.	.	.	.	.	.
OTHER LOCATIONS	1	.	.	.	.	.	.	.	.	.	.	.

TABLE A-29 (CONTINUED)

BIRTHS, BIRTHS UNDER 2,500 GRAMS, FETAL DEATHS AND SELECTED CAUSES OF INFANT DEATH BY INSTITUTION, COUNTY OF OCCURRENCE: UTAH, 1989

COUNTY INSTITUTION OCCURRENCE	TOTAL BIRTHS	BIRTHS UNDER 2,500G	FETAL DEATH	INFANT DEATH TOTAL	NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 460-519	DIGESTIVE SYSTEM 520-579	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	PERINATAL CONDITIONS 760-779	SUDDEN DEATH 798.0	ALL OTHER CAUSES
SAN JUAN	262	10	1	4	0	0	0	1	0	2	1	0
MONUMENT VALLEY	114	4	.	1	0	0	0	1	0	0	0	0
SAN JUAN COUNTY	144	5	.	2	0	0	0	0	0	2	0	0
CLINICS	2	.	1	.	.	.	.	.	.	.	.	.
HOME	2	1	.	1	0	0	0	0	0	0	1	0
SANPETE	254	8	.	1	0	0	0	0	0	0	0	1
GUNNISON VALLEY	154	4	.	.	.	.	.	.	.	.	.	.
SANPETE VALLEY	97	4	.	.	.	.	.	.	.	.	.	.
HOME	3	.	.	.	.	.	.	.	.	.	.	.
OTHER LOCATIONS	.	.	.	1	0	0	0	0	0	0	0	1
SEVIER	190	4	3	1	0	0	0	1	0	0	0	0
SEVIER VALLEY	187	4	3	1	0	0	0	1	0	0	0	0
CLINICS	1	.	.	.	.	.	.	.	.	.	.	.
HOME	1	.	.	.	.	.	.	.	.	.	.	.
ENROUTE	1	.	.	.	.	.	.	.	.	.	.	.
SUMMIT	9	.	.	.	.	.	.	.	.	.	.	.
CLINICS	4	.	.	.	.	.	.	.	.	.	.	.
HOME	3	.	.	.	.	.	.	.	.	.	.	.
DR. OFFICE,RST HME,PRISN	2	.	.	.	.	.	.	.	.	.	.	.
TOOELE	122	5	1	1	0	0	0	0	0	0	1	0
TOOELE VALLEY	122	5	1	.	.	.	.	.	.	.	.	.
HOME	.	.	.	1	0	0	0	0	0	0	1	0
UINTAH	165	11	2	3	0	0	0	1	0	0	2	0
ASHLEY VLY MED. CEN.	165	11	2	2	0	0	0	1	0	0	1	0
HOME	.	.	.	1	0	0	0	0	0	0	1	0
UTAH	6,857	334	38	42	0	0	0	12	5	11	11	3
OREM COMMUNITY	975	25	4	.	.	.	.	.	.	.	.	.
AMERICAN FORK	1,056	24	7	7	0	0	0	3	0	2	1	1
MOUNTAIN VIEW	936	54	3	3	0	0	0	1	0	1	1	0
UTAH VLY REG. MED. CEN.	3,745	230	24	23	0	0	0	6	5	8	4	0
MED. ART BIRTHING CEN.	58	.	.	.	.	.	.	.	.	.	.	.
HOME	86	1	.	9	0	0	0	2	0	0	5	2
ENROUTE	1	.	.	.	.	.	.	.	.	.	.	.
WASATCH	142	4	1	1	0	0	0	0	0	1	0	0
WASATCH COUNTY	141	4	1	1	0	0	0	0	0	1	0	0
OTHER LOCATIONS	1	.	.	.	.	.	.	.	.	.	.	.

TABLE A-29 (CONTINUED)

BIRTHS, BIRTHS UNDER 2,500 GRAMS, FETAL DEATHS AND SELECTED CAUSES OF INFANT DEATH BY INSTITUTION, COUNTY OF OCCURRENCE: UTAH, 1989

COUNTY INSTITUTION OCCURRENCE	TOTAL BIRTHS	BIRTHS UNDER 2,500G	FETAL DEATH	INFANT DEATH TOTAL	NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 460-519	DIGESTIVE SYSTEM 520-579	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	PERINATAL CONDITIONS 760-779	SUDDEN DEATH 798.0	ALL OTHER CAUSES
WASHINGTON	**1,282**	**59**	**7**	**5**	**0**	**0**	**0**	**0**	**0**	**2**	**3**	**0**
DIXIE	1,100	56	7	2	0	0	0	0	0	2	0	0
HILDALE MATERNITY CLINIC	165	3	.	1	0	0	0	0	0	0	1	0
HOME	17	.	.	2	0	0	0	0	0	0	2	0
WEBER	**4,356**	**298**	**24**	**39**	**0**	**0**	**0**	**8**	**4**	**14**	**9**	**4**
MCKAY DEE HOSP. CEN.	3,011	203	22	21	0	0	0	1	4	9	5	2
ST. BENEDICT"S	1,320	94	2	11	0	0	0	5	0	4	1	1
CLINICS	.	.	.	1	0	0	0	0	0	1	0	0
HOME	23	.	.	6	0	0	0	2	0	0	3	1
ENROUTE	2	1	.	.	.	.	.	.	.	.	.	.

TABLE A-30

FETAL DEATHS BY AGE OF MOTHER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	AGE OF MOTHER											
	TOTAL	UNDER 15	15-19			20-24	25-29	30-34	35-39	40-44	45 +	NOT STATED
			TOTAL	15-17	18-19							
TOTAL	226	2	17	10	7	63	58	56	19	6	1	4
BEAR RIVER	13	0	1	1	0	7	4	1	0	0	0	0
BOX ELDER	1	0	0	0	0	0	0	1	0	0	0	0
CACHE	12	0	1	1	0	7	4	0	0	0	0	0
RICH	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL UTAH	6	0	1	0	1	0	2	2	1	0	0	0
JUAB	1	0	1	0	1	0	0	0	0	0	0	0
MILLARD	2	0	0	0	0	0	0	1	1	0	0	0
PIUTE	0	0	0	0	0	0	0	0	0	0	0	0
SANPETE	0	0	0	0	0	0	0	0	0	0	0	0
SEVIER	3	0	0	0	0	0	2	1	0	0	0	0
WAYNE	0	0	0	0	0	0	0	0	0	0	0	0
DAVIS	19	0	1	1	0	6	3	5	3	0	0	1
SALT LAKE	108	2	8	5	3	24	29	30	8	3	1	3
SOUTHEASTERN	6	0	1	1	0	2	0	3	0	0	0	0
CARBON	1	0	0	0	0	1	0	0	0	0	0	0
EMERY	1	0	0	0	0	1	0	0	0	0	0	0
GRAND	3	0	1	1	0	0	0	2	0	0	0	0
SAN JUAN	1	0	0	0	0	0	0	1	0	0	0	0
SOUTHWEST	9	0	0	0	0	1	3	3	2	0	0	0
BEAVER	0	0	0	0	0	0	0	0	0	0	0	0
GARFIELD	1	0	0	0	0	0	1	0	0	0	0	0
IRON	3	0	0	0	0	0	0	2	1	0	0	0
KANE	0	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON	5	0	0	0	0	1	2	1	1	0	0	0
SUMMIT	1	0	0	0	0	0	0	1	0	0	0	0
TOOELE	3	0	0	0	0	2	0	0	1	0	0	0
UINTAH BASIN	5	0	1	1	0	1	1	1	0	1	0	0
DAGGETT	0	0	0	0	0	0	0	0	0	0	0	0
DUCHESNE	1	0	0	0	0	0	0	0	0	1	0	0
UINTAH	4	0	1	1	0	1	1	1	0	0	0	0
UTAH COUNTY	37	0	3	1	2	12	12	6	2	2	0	0
WASATCH	1	0	0	0	0	0	0	0	1	0	0	0
WEBER-MORGAN	18	0	1	0	1	8	4	4	1	0	0	0
MORGAN	0	0	0	0	0	0	0	0	0	0	0	0
WEBER	18	0	1	0	1	8	4	4	1	0	0	0

TABLE A-31

FETAL DEATHS BY SELECTED CAUSES AND GENDER, RESIDENTS: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL FETAL DEATHS	GENDER OF FETUS		
			MISSING	MALE	FEMALE	INDETERMINABLE
TOTAL	40-779	226	6	105	107	8
CONGENITAL ANOMALIES	40-759	30	2	12	15	1
ANENCEPHALUS	740.0	5	0	1	4	0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	742	2	0	0	2	0
OTHER CONGENITAL ANOMALIES OF HEART	746	3	0	2	1	0
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	747	2	0	1	1	0
CONGENITAL ANOMALIES OF GENITAL ORGANS	752	2	0	2	0	0
CONGENITAL ANOMALIES OF URINARY SYSTEM	753	2	1	1	0	0
OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	756	1	0	0	1	0
CHROMOSOMAL ANOMALIES	758	7	1	2	4	0
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	759	6	0	3	2	1
FETUS OR NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	760	3	0	1	2	0
FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	761	20	0	9	11	0
FETUS OR NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA CORD AND MEMBRANES	762	101	1	52	44	4
OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	762.1	24	0	12	10	2
OTHER AND UNSPECIFIED MORPHOLOGICAL AND FUNCTIONAL ABNORMALITIES OF PLACENTA	762.2	6	0	2	3	1
PLACENTAL TRANSFUSION SYNDROMES	762.3	6	0	2	4	0
OTHER COMPRESSION OF UMBILICAL CORD	762.5	37	1	21	15	0
OTHER AND UNSPECIFIED CONDITIONS OF UMBILICAL CORD	762.6	25	0	13	11	1
CHORIOAMNIONITIS	762.7	3	0	2	1	0
FETUS OR NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	763	3	0	0	3	0
SLOW FETAL GROWTH AND FETAL MALNUTRITION	764	1	0	1	0	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	765	3	0	0	3	0
DISORDERS RELATING TO LONG GESTATION AND HIGH BIRTH WEIGHT	766	2	0	2	0	0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	768	24	0	12	10	2
FETAL DEATH FROM ASPHYXIA OR ANOXIA BEFORE ONSET OF LABOR OR AT UNSPECIFIED TIME	768.0	23	0	12	9	2
FETAL DEATH FROM ASPHYXIA OR ANOXIA DURING LABOR	768.1	1	0	0	1	0
OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN	770	1	0	0	1	0
HEMOLYTIC DISEASE OF FETUS OR NEWBORN, DUE TO ISIOMMUNIZATION	773	1	0	0	1	0
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE FETUS AND NEWBORN	775	1	0	1	0	0
CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION OF FETUS AND NEWBORN	778	1	0	0	1	0
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	779	34	3	14	16	1
OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	799	1	0	1	0	0

TABLE A-32

DEATHS TO INFANTS FOR SELECTED CAUSES BY AGE, RACE AND GENDER, RESIDENTS: UTAH, 1989

CAUSE OF DEATH (9TH REV)	GENDER	TOTAL	RACE		AGE				
			WHITE	NON-WHITE	28 DAYS 1 YEAR	TOTAL UNDER 28 DAYS	7-27 DAYS	1-6 DAYS	UNDER 1 DAY
TOTAL		285	255	30	128	157	38	31	88
	M	149	138	11	68	81	21	16	44
	F	136	117	19	60	76	17	15	44
SEPTICEMIA 038	F	2	2	0	2	0	0	0	0
MALIGNANT NEOPLASMS 140-208	M	1	1	0	0	1	1	0	0
	F	2	2	0	2	0	0	0	0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND UNSPECIFIED NATURE 210-239	M	1	1	0	0	1	0	0	1
	F	2	2	0	1	1	0	0	1
DISEASES OF BLOOD AND BLOOD FORMING ORGANS 280-289	M	1	0	1	0	1	0	1	0
	F	2	2	0	1	1	1	0	0
MENINGITIS 320-322	F	1	1	0	1	0	0	0	0
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS 323-389	M	1	1	0	0	1	1	0	0
	F	2	1	1	2	0	0	0	0
BRONCHITIS AND BRONCHIOLITIS 466,490-491	F	1	1	0	1	0	0	0	0
REMAINDER OF DISEASES OF RESPIRATORY SYSTEM 470-478,492-519	M	2	2	0	1	1	1	0	0
	F	5	3	2	3	2	1	1	0
CONGENITAL ANOMALIES 740-759	M	42	41	1	10	32	9	11	12
	F	34	29	5	8	26	7	4	15
ANENCEPHALUS AND SIMILAR ANOMALIES 740	M	1	1	0	0	1	0	0	1
SPINA BIFIDA 741	M	1	1	0	0	1	0	0	1
CONGENITAL HYDROCEPHALUS 742.3	M	1	1	0	0	1	0	1	0
	F	1	0	1	1	0	0	0	0
OTHER CONGENITAL ANOMALIES OF CENTRAL NERVOUS SYSTEM AND EYE 742.0-742.2,742.4-742.9,743	F	1	1	0	0	1	0	0	1
CONGENITAL ANOMALIES OF HEART 745-746	M	17	17	0	4	13	6	7	0
	F	12	12	0	1	11	4	3	4

TABLE A-32 (CONTINUED)

DEATHS TO INFANTS FOR SELECTED CAUSES BY AGE, RACE AND GENDER, RESIDENTS: UTAH, 1989

CAUSE OF DEATH (9TH REV)	GENDER	TOTAL	RACE		AGE				
			WHITE	NON-WHITE	28 DAYS 1 YEAR	TOTAL UNDER 28 DAYS	7-27 DAYS	1-6 DAYS	UNDER 1 DAY
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM 747	M	1	1	0	1	0	0	0	0
	F	3	2	1	0	3	1	1	1
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM 748	M	7	7	0	1	6	1	0	5
	F	4	4	0	1	3	0	0	3
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM 752-753	M	4	4	0	0	4	1	1	2
	F	1	1	0	0	1	0	0	1
CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM 754-756	M	1	1	0	0	1	0	0	1
	F	3	2	1	2	1	0	0	1
OTHER CHROMOSOMAL ANOMALIES 758.1-758.9	M	1	1	0	1	0	0	0	0
ALL OTHER AND UNSPECIFIED CONGENITAL ANOMALIES 744,757,759	M	8	7	1	3	5	1	2	2
	F	9	7	2	3	6	2	0	4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD 760-779	M	40	36	4	5	35	6	3	26
	F	46	38	8	3	43	7	9	27
NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY 760	M	3	1	2	0	3	0	1	2
	F	2	1	1	1	1	0	0	1
NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY 761	M	5	5	0	0	5	0	0	5
	F	2	2	0	0	2	0	0	2
NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES 762	M	4	3	1	0	4	0	0	4
	F	10	8	2	0	10	1	0	9
SLOW FETAL GROWTH AND FETAL MALNUTRITION 764	F	1	1	0	0	1	0	1	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTHWEIGHT 765	M	6	6	0	0	6	1	0	5
	F	4	4	0	0	4	2	0	2
BIRTH TRAUMA 767	F	2	2	0	0	2	0	2	0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA 768	M	1	1	0	0	1	0	0	1
BIRTH ASPHYXIA 768.5-768.9	M	1	1	0	0	1	0	0	1

TABLE A-32 (CONTINUED)

DEATHS TO INFANTS FOR SELECTED CAUSES BY AGE, RACE AND GENDER, RESIDENTS: UTAH, 1989

CAUSE OF DEATH (9TH REV)	GENDER	TOTAL	RACE		AGE				
			WHITE	NON-WHITE	28 DAYS 1 YEAR	TOTAL UNDER 28 DAYS	7-27 DAYS	1-6 DAYS	UNDER 1 DAY
RESPIRATORY DISTRESS SYNDROME 769	M	6	6	0	0	6	1	1	4
	F	8	8	0	0	8	0	3	5
OTHER RESPIRATORY CONDITIONS OF NEWBORN 770	M	7	0	2	5	2	0	3	
	F	4	3	1	6	0	1	5	
INFECTIONS SPECIFIC TO PERINATAL PERIOD 771	M	2	2	0	1	1	1	0	0
	F	3	2	1	0	3	2	0	1
NEONATAL HEMORRHAGE 772	F	1	1	0	0	1	1	0	0
ALL OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD 775.2-775.9,776.1-779	M	6	5	1	2	4	1	1	2
	F	6	5	1	1	5	1	2	2
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS 780-799	M	50	46	4	46	4	1	0	3
	F	33	30	3	30	3	1	1	1
SUDDEN INFANT DEATH SYNDROME 798.0	M	47	44	3	44	3	1	0	2
	F	31	29	2	29	2	1	0	1
SYMPTOMS,SIGNS, AND ALL OTHER ILL-DEFINED CONDITIONS 780-797,798.1-799	M	3	2	1	2	1	0	0	1
	F	2	1	1	1	1	0	1	0
ACCIDENTS AND ADVERSE EFFECTS E800-E949	M	4	4	0	2	2	1	0	1
	F	2	2	0	2	0	0	0	0
OTHER ACCIDENTAL CAUSES AND ADVERSE EFFECTS E800-E910,E914-E949	M	4	4	0	2	2	1	0	1
	F	2	2	0	2	0	0	0	0
HOMICIDE E960-E969	M	2	2	0	2	0	0	0	0
CHILD BATTERING AND OTHER MALTREATMENT E967	M	2	2	0	2	0	0	0	0
OTHER HOMICIDE E960-E966,E968-E969	M	0	0	0	0	0	0	0	0
ALL OTHER CAUSES	M	5	4	1	2	3	1	1	1
	F	4	4	0	4	0	0	0	0

TABLE A-33

DEATHS UNDER ONE YEAR OF AGE BY AGE AT DEATH
AND RESIDENCE OF MOTHER: UTAH, 1989

RESIDENCE OF MOTHER	TOTAL UNDER ONE YR	28 DAYS UNDER ONE YR	INFANT MORTALITY: NEONATAL MORTALITY: 7-27 DAYS	1-6 DAYS	PERINATAL MORTALITY: 1-24 HOURS	UNDER 1 HR	FETAL DEATHS
TOTAL	285	128	38	31	49	39	226
BEAR RIVER	16	11	1	0	1	3	13
BOX ELDER	5	4	0	0	0	1	1
CACHE	11	7	1	0	1	2	12
RICH	0	0	0	0	0	0	0
CENTRAL UTAH	8	3	2	1	2	0	6
JUAB	0	0	0	0	0	0	1
MILLARD	2	0	0	0	2	0	2
PIUTE	0	0	0	0	0	0	0
SANPETE	1	0	1	0	0	0	0
SEVIER	5	3	1	1	0	0	3
WAYNE	0	0	0	0	0	0	0
DAVIS	27	12	2	5	4	4	19
SALT LAKE	122	55	12	15	22	18	108
SOUTHEASTERN	10	3	4	0	3	0	6
CARBON	2	1	1	0	0	0	1
EMERY	2	0	2	0	0	0	1
GRAND	0	0	0	0	0	0	3
SAN JUAN	6	2	1	0	3	0	1
SOUTHWEST	11	4	3	1	1	2	9
BEAVER	1	0	1	0	0	0	0
GARFIELD	0	0	0	0	0	0	1
IRON	5	2	1	0	1	1	3
KANE	1	0	0	0	0	1	0
WASHINGTON	4	2	1	1	0	0	5
SUMMIT	0	0	0	0	0	0	1
TOOELE	1	1	0	0	0	0	3
UINTAH BASIN	6	3	1	0	2	0	5
DAGGETT	0	0	0	0	0	0	0
DUCHESNE	1	0	0	0	1	0	1
UINTAH	5	3	1	0	1	0	4
UTAH COUNTY	46	18	6	7	10	5	37
WASATCH	2	0	0	0	1	1	1
WEBER-MORGAN	36	18	7	2	3	6	18
MORGAN	0	0	0	0	0	0	0
WEBER	36	18	7	2	3	6	18

TABLE A-34

DEATHS BY MONTH OF OCCURRENCE AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	MONTH											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL	**9,223**	**782**	**776**	**805**	**750**	**769**	**748**	**707**	**682**	**691**	**749**	**804**	**960**
BEAR RIVER	**551**	**46**	**41**	**45**	**63**	**45**	**39**	**44**	**41**	**44**	**34**	**50**	**59**
BOX ELDER	227	14	23	22	27	18	13	18	19	17	18	14	24
CACHE	316	31	18	23	35	25	26	26	22	26	15	35	34
RICH	8	1	0	0	1	2	0	0	0	1	1	1	1
CENTRAL UTAH	**424**	**44**	**38**	**33**	**35**	**29**	**37**	**34**	**39**	**34**	**26**	**35**	**40**
JUAB	59	5	3	3	4	1	8	8	9	3	4	4	7
MILLARD	70	9	4	8	5	6	6	5	4	8	1	9	5
PIUTE	18	1	5	2	0	1	1	0	1	1	3	2	1
SANPETE	126	10	16	5	12	13	8	9	15	10	7	9	12
SEVIER	129	16	9	13	11	5	11	11	9	10	9	10	15
WAYNE	22	3	1	2	3	3	3	1	1	2	2	1	0
DAVIS	**697**	**58**	**55**	**48**	**63**	**58**	**53**	**51**	**63**	**47**	**67**	**61**	**73**
SALT LAKE	**3,979**	**333**	**336**	**378**	**306**	**336**	**311**	**299**	**300**	**297**	**325**	**330**	**428**
SOUTHEASTERN	**346**	**32**	**29**	**33**	**25**	**28**	**35**	**24**	**13**	**23**	**31**	**31**	**42**
CARBON	178	16	18	21	11	15	18	8	3	12	15	16	25
EMERY	70	4	6	7	3	6	11	7	4	6	5	3	8
GRAND	36	5	0	1	4	2	2	4	3	2	4	6	3
SAN JUAN	62	7	5	4	7	5	4	5	3	3	7	6	6
SOUTHWEST	**557**	**48**	**41**	**42**	**49**	**35**	**43**	**50**	**47**	**32**	**51**	**55**	**64**
BEAVER	52	4	4	4	5	2	4	7	4	0	6	4	8
GARFIELD	28	1	1	2	3	1	2	2	6	1	1	4	4
IRON	98	9	12	10	8	8	7	6	5	4	9	10	10
KANE	26	2	0	2	2	0	2	2	3	3	3	4	3
WASHINGTON	353	32	24	24	31	24	28	33	29	24	32	33	39
SUMMIT	**44**	**6**	**4**	**2**	**5**	**4**	**4**	**1**	**5**	**3**	**5**	**2**	**3**
TOOELE	**183**	**17**	**25**	**10**	**19**	**12**	**15**	**14**	**9**	**16**	**7**	**24**	**15**
UINTAH BASIN	**178**	**20**	**19**	**15**	**4**	**22**	**15**	**17**	**15**	**17**	**13**	**3**	**18**
DAGGETT	2	1	0	0	0	0	1	0	0	0	0	0	0
DUCHESNE	64	6	8	3	2	9	4	6	4	7	7	2	6
UINTAH	112	13	11	12	2	13	10	11	11	10	6	1	12
UTAH COUNTY	**1,084**	**71**	**89**	**98**	**87**	**108**	**97**	**74**	**77**	**85**	**90**	**96**	**112**
WASATCH	**69**	**6**	**7**	**7**	**5**	**4**	**8**	**7**	**2**	**1**	**6**	**5**	**11**
WEBER-MORGAN	**1,111**	**101**	**92**	**94**	**89**	**88**	**91**	**92**	**71**	**92**	**94**	**112**	**95**
MORGAN	34	3	3	3	2	2	1	1	5	1	2	5	6
WEBER	1,077	98	89	91	87	86	90	91	66	91	92	107	89

TABLE A-35

DEATHS BY RACE, GENDER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	RACE AND GENDER														
		WHITE			BLACK			INDIAN			OTHER NONWHITE			RACE NOT STATED		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	**9,223**	**8,956**	**4,664**	**4,292**	**83**	**43**	**40**	**91**	**55**	**36**	**91**	**44**	**47**	**2**	**1**	**1**
BEAR RIVER	**551**	**537**	**272**	**265**	**1**	**0**	**1**	**5**	**1**	**4**	**8**	**2**	**6**	**0**	**0**	**0**
BOX ELDER	227	221	117	104	0	0	0	2	0	2	4	1	3	0	0	0
CACHE	316	308	153	155	1	0	1	3	1	2	4	1	3	0	0	0
RICH	8	8	2	6	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL UTAH	**424**	**423**	**234**	**189**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
JUAB	59	59	40	19	0	0	0	0	0	0	0	0	0	0	0	0
MILLARD	70	69	33	36	0	0	0	1	0	1	0	0	0	0	0	0
PIUTE	18	18	12	6	0	0	0	0	0	0	0	0	0	0	0	0
SANPETE	126	126	75	51	0	0	0	0	0	0	0	0	0	0	0	0
SEVIER	129	129	67	62	0	0	0	0	0	0	0	0	0	0	0	0
WAYNE	22	22	7	15	0	0	0	0	0	0	0	0	0	0	0	0
DAVIS	**697**	**682**	**351**	**331**	**3**	**1**	**2**	**5**	**3**	**2**	**7**	**6**	**1**	**0**	**0**	**0**
SALT LAKE	**3,979**	**3,858**	**1,957**	**1,901**	**50**	**27**	**23**	**19**	**13**	**6**	**51**	**25**	**26**	**1**	**1**	**0**
SOUTHEASTERN	**346**	**311**	**176**	**135**	**2**	**1**	**1**	**31**	**19**	**12**	**1**	**0**	**1**	**1**	**0**	**1**
CARBON	178	175	100	75	2	1	1	0	0	0	1	0	1	0	0	0
EMERY	70	69	36	33	0	0	0	0	0	0	0	0	0	1	0	1
GRAND	36	36	22	14	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	62	31	18	13	0	0	0	31	19	12	0	0	0	0	0	0
SOUTHWEST	**557**	**555**	**309**	**246**	**1**	**0**	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
BEAVER	52	52	29	23	0	0	0	0	0	0	0	0	0	0	0	0
GARFIELD	28	28	13	15	0	0	0	0	0	0	0	0	0	0	0	0
IRON	98	97	50	47	0	0	0	1	0	1	0	0	0	0	0	0
KANE	26	26	15	11	0	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON	353	352	202	150	1	0	1	0	0	0	0	0	0	0	0	0
SUMMIT	**44**	**42**	**26**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**1**	**1**	**0**	**0**	**0**
TOOELE	**183**	**180**	**95**	**85**	**0**	**0**	**0**	**2**	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**
UINTAH BASIN	**178**	**157**	**87**	**70**	**0**	**0**	**0**	**21**	**13**	**8**	**0**	**0**	**0**	**0**	**0**	**0**
DAGGETT	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
DUCHESNE	64	63	34	29	0	0	0	1	0	1	0	0	0	0	0	0
UINTAH	112	92	53	39	0	0	0	20	13	7	0	0	0	0	0	0
UTAH COUNTY	**1,084**	**1,075**	**565**	**510**	**3**	**2**	**1**	**2**	**2**	**0**	**4**	**1**	**3**	**0**	**0**	**0**
WASATCH	**69**	**69**	**31**	**38**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
WEBER-MORGAN	**1,111**	**1,067**	**561**	**506**	**23**	**12**	**11**	**4**	**3**	**1**	**17**	**8**	**9**	**0**	**0**	**0**
MORGAN	34	34	15	19	0	0	0	0	0	0	0	0	0	0	0	0
WEBER	1,077	1,033	546	487	23	12	11	4	3	1	17	8	9	0	0	0

TABLE A-36

DEATHS BY AGE, RACE AND GENDER, RESIDENTS: UTAH, 1989

AGE	TOTAL DEATHS	RACE AND GENDER									
		WHITE		BLACK		INDIAN		OTHER NON-WHITE		RACE NOT STATED	
		MALE	FE-MALE	MALE	FE-MALE	MALE	FE-MALE	MALE	FE-MALE	MALE	FE-MALE
TOTAL	9,223	4,664	4,292	43	40	55	36	44	47	1	1
UNDER 1 YEAR	285	138	117	1	5	5	8	5	6	0	0
UNDER 1 MONTH	157	75	66	1	4	2	3	3	3	0	0
UNDER 1 WEEK	119	54	52	1	3	2	1	3	3	0	0
UNDER 1 DAY	88	41	38	1	3	1	1	1	2	0	0
UNDER 1 HOUR	39	20	15	0	2	0	0	1	1	0	0
1-4	79	44	24	0	3	3	2	1	2	0	0
5-9	40	21	16	0	0	1	0	1	1	0	0
10-14	47	31	16	0	0	0	0	0	0	0	0
15-19	118	71	33	3	0	5	1	1	3	0	1
20-24	105	63	28	1	2	5	2	2	2	0	0
25-29	103	67	26	1	0	6	1	2	0	0	0
30-34	160	90	58	2	1	2	1	5	1	0	0
35-39	140	94	39	1	3	2	0	0	1	0	0
40-44	175	105	59	4	0	4	2	0	1	0	0
45-49	196	104	81	1	0	5	2	1	2	0	0
50-54	271	140	118	1	1	4	1	2	3	1	0
55-59	394	237	146	6	0	1	3	0	1	0	0
60-64	585	325	240	2	4	3	3	5	3	0	0
65-69	842	477	339	4	8	2	2	6	4	0	0
70-74	1,068	599	454	4	3	1	0	4	3	0	0
75-79	1,321	701	600	6	2	1	3	6	2	0	0
80-84	1,316	644	656	5	5	2	0	2	2	0	0
85-89	1,092	447	638	1	1	1	2	1	1	0	0
90-94	622	195	417	0	1	2	2	0	5	0	0
95-99	232	62	166	0	1	0	0	0	3	0	0
100 AND OVER	32	9	21	0	0	0	1	0	1	0	0
NOT STATED	0	0	0	0	0	0	0	0	0	0	0

TABLE A-37

DEATHS BY AGE, GENDER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL DEATHS	MALE	FEMALE	AGE AND GENDER									
				UNDER 1		1-4		5-9		10-14		15-19	
				M	F	M	F	M	F	M	F	M	F
TOTAL	**9,223**	**4,807**	**4,416**	**149**	**136**	**48**	**31**	**23**	**17**	**31**	**16**	**80**	**38**
BEAR RIVER	**551**	**275**	**276**	**10**	**6**	**4**	**4**	**1**	**0**	**1**	**2**	**6**	**1**
BOX ELDER	227	118	109	3	2	4	4	0	0	1	1	3	0
CACHE	316	155	161	7	4	0	0	1	0	0	1	3	1
RICH	8	2	6	0	0	0	0	0	0	0	0	0	0
CENTRAL UTAH	**424**	**234**	**190**	**4**	**4**	**2**	**0**	**1**	**0**	**2**	**0**	**2**	**1**
JUAB	59	40	19	0	0	1	0	0	0	2	0	0	0
MILLARD	70	33	37	0	2	1	0	0	0	0	0	1	0
PIUTE	18	12	6	0	0	0	0	0	0	0	0	0	0
SANPETE	126	75	51	1	0	0	0	1	0	0	0	0	0
SEVIER	129	67	62	3	2	0	0	0	0	0	0	1	0
WAYNE	22	7	15	0	0	0	0	0	0	0	0	0	1
DAVIS	**697**	**361**	**336**	**16**	**11**	**9**	**6**	**4**	**2**	**4**	**6**	**4**	**1**
SALT LAKE	**3,979**	**2,023**	**1,956**	**59**	**63**	**16**	**11**	**4**	**4**	**11**	**4**	**37**	**7**
SOUTHEASTERN	**346**	**196**	**150**	**5**	**5**	**3**	**2**	**2**	**1**	**2**	**1**	**9**	**4**
CARBON	178	101	77	2	0	1	1	0	1	2	0	5	1
EMERY	70	36	34	1	1	1	0	1	0	0	1	0	2
GRAND	36	22	14	0	0	0	0	0	0	0	0	0	0
SAN JUAN	62	37	25	2	4	1	1	1	0	0	0	4	1
SOUTHWEST	**557**	**309**	**248**	**3**	**8**	**1**	**2**	**2**	**1**	**4**	**0**	**3**	**4**
BEAVER	52	29	23	0	1	0	0	0	0	0	0	1	0
GARFIELD	28	13	15	0	0	0	0	0	0	0	0	1	1
IRON	98	50	48	2	3	0	1	0	0	2	0	0	1
KANE	26	15	11	0	1	0	0	0	0	0	0	0	0
WASHINGTON	353	202	151	1	3	1	1	2	1	2	0	1	2
SUMMIT	**44**	**27**	**17**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**
TOOELE	**183**	**97**	**86**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**2**
UINTAH BASIN	**178**	**100**	**78**	**3**	**3**	**0**	**0**	**0**	**2**	**2**	**0**	**2**	**1**
DAGGETT	2	0	2	0	0	0	0	0	0	0	0	0	0
DUCHESNE	64	34	30	1	0	0	0	0	0	1	0	0	0
UINTAH	112	66	46	2	3	0	0	0	2	1	0	2	1
UTAH COUNTY	**1,084**	**570**	**514**	**26**	**20**	**9**	**4**	**7**	**6**	**3**	**2**	**10**	**10**
WASATCH	**69**	**31**	**38**	**0**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
WEBER-MORGAN	**1,111**	**584**	**527**	**22**	**14**	**3**	**2**	**1**	**1**	**1**	**1**	**7**	**6**
MORGAN	34	15	19	0	0	0	0	0	0	0	0	0	1
WEBER	1,077	569	508	22	14	3	2	1	1	1	1	7	5

TABLE A-37 (CONTINUED)

DEATHS BY AGE, GENDER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	AGE AND GENDER															
	20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	**71**	**34**	**76**	**27**	**99**	**61**	**97**	**43**	**113**	**62**	**111**	**85**	**148**	**123**	**244**	**150**
BEAR RIVER	**4**	**3**	**2**	**0**	**3**	**6**	**3**	**3**	**5**	**5**	**5**	**1**	**8**	**5**	**8**	**12**
BOX ELDER	2	1	1	0	2	3	0	0	4	3	2	0	3	5	2	2
CACHE	2	2	1	0	1	3	3	3	1	2	3	1	5	0	6	10
RICH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL UTAH	**0**	**0**	**2**	**0**	**0**	**1**	**5**	**2**	**3**	**2**	**4**	**1**	**8**	**3**	**11**	**7**
JUAB	0	0	0	0	0	0	0	0	0	0	2	0	3	1	1	1
MILLARD	0	0	0	0	0	1	1	0	1	1	0	1	0	0	2	1
PIUTE	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0
SANPETE	0	0	2	0	0	0	2	1	1	0	0	0	2	1	2	1
SEVIER	0	0	0	0	0	0	1	0	0	1	1	0	3	1	6	4
WAYNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAVIS	**9**	**2**	**9**	**3**	**7**	**4**	**6**	**4**	**6**	**6**	**12**	**8**	**11**	**10**	**16**	**13**
SALT LAKE	**32**	**17**	**32**	**14**	**57**	**32**	**61**	**25**	**57**	**33**	**49**	**43**	**65**	**59**	**117**	**67**
SOUTHEASTERN	**6**	**2**	**2**	**0**	**2**	**3**	**3**	**1**	**2**	**2**	**3**	**2**	**6**	**5**	**7**	**8**
CARBON	1	1	0	0	1	2	0	0	2	2	1	1	2	2	4	1
EMERY	1	0	1	0	1	0	2	1	0	0	0	0	1	3	1	3
GRAND	1	1	0	0	0	0	1	0	0	0	1	1	1	0	1	1
SAN JUAN	3	0	1	0	0	1	0	0	0	0	1	0	2	0	1	3
SOUTHWEST	**4**	**3**	**3**	**0**	**2**	**2**	**8**	**0**	**7**	**0**	**5**	**6**	**3**	**10**	**11**	**4**
BEAVER	0	0	0	0	0	1	0	0	2	0	0	0	0	1	1	1
GARFIELD	0	1	0	0	0	1	1	0	1	0	0	1	1	0	1	0
IRON	1	1	0	0	0	0	1	0	2	0	1	2	0	3	5	2
KANE	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0
WASHINGTON	3	1	3	0	1	0	6	0	1	0	4	2	2	5	4	1
SUMMIT	**0**	**0**	**1**	**0**	**2**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**0**
TOOELE	**1**	**3**	**1**	**2**	**2**	**1**	**2**	**1**	**4**	**2**	**5**	**1**	**2**	**2**	**3**	**6**
UINTAH BASIN	**4**	**0**	**1**	**0**	**1**	**0**	**2**	**0**	**2**	**2**	**1**	**4**	**1**	**4**	**7**	**1**
DAGGETT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUCHESNE	0	0	0	0	0	0	0	0	0	2	0	3	1	0	2	0
UINTAH	4	0	1	0	1	0	2	0	2	0	1	1	0	4	5	1
UTAH COUNTY	**9**	**2**	**9**	**3**	**9**	**8**	**0**	**3**	**12**	**6**	**12**	**6**	**18**	**7**	**35**	**12**
WASATCH	**0**	**0**	**0**	**1**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**1**	**1**
WEBER-MORGAN	**2**	**2**	**14**	**4**	**14**	**4**	**4**	**4**	**15**	**4**	**14**	**13**	**24**	**15**	**27**	**19**
MORGAN	0	0	1	0	0	1	0	0	0	0	1	0	1	0	0	0
WEBER	2	2	13	4	14	3	4	4	15	4	13	13	23	15	27	19

TABLE A-37 (CONTINUED)

DEATHS BY AGE, GENDER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	AGE AND GENDER													
	60-64		65-69		70-74		75-79		80-84		85 +		NOT STATED	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	335	250	489	353	608	460	714	607	653	663	718	1,260	0	0
BEAR RIVER	10	15	22	17	29	26	45	37	60	39	49	94	0	0
BOX ELDER	6	9	14	7	16	11	21	10	18	12	16	39	0	0
CACHE	4	6	8	10	13	14	23	25	42	24	32	55	0	0
RICH	0	0	0	0	0	1	1	2	0	3	1	0	0	0
CENTRAL UTAH	13	10	27	18	25	26	39	27	38	36	48	52	0	0
JUAB	3	0	7	3	5	2	4	1	4	3	8	8	0	0
MILLARD	3	3	5	1	0	7	7	6	4	6	8	8	0	0
PIUTE	0	2	0	0	1	1	3	2	2	0	3	0	0	0
SANPETE	5	1	6	10	7	6	13	5	14	10	19	16	0	0
SEVIER	2	3	8	4	10	8	12	10	11	15	9	14	0	0
WAYNE	0	1	1	0	2	2	0	3	3	2	1	6	0	0
DAVIS	23	19	39	20	39	35	51	48	43	53	53	85	0	0
SALT LAKE	146	103	217	169	252	204	266	248	248	307	297	546	0	0
SOUTHEASTERN	13	11	16	11	25	20	34	17	26	12	30	43	0	0
CARBON	6	7	9	5	13	11	22	7	16	7	14	28	0	0
EMERY	1	3	1	1	5	5	5	4	5	3	9	7	0	0
GRAND	1	0	3	1	5	3	2	3	3	1	3	3	0	0
SAN JUAN	5	1	3	4	2	1	5	3	2	1	4	5	0	0
SOUTHWEST	17	15	30	12	61	30	47	40	50	39	48	72	0	0
BEAVER	0	1	1	0	6	3	4	4	8	1	6	10	0	0
GARFIELD	1	2	1	1	1	1	2	2	2	0	1	5	0	0
IRON	5	1	3	3	9	5	8	6	5	10	6	10	0	0
KANE	1	0	3	1	4	0	3	1	2	1	0	5	0	0
WASHINGTON	10	11	22	7	41	21	30	27	33	27	35	42	0	0
SUMMIT	1	1	2	0	4	1	2	4	6	4	5	5	0	0
TOOELE	9	8	13	10	18	11	17	17	12	4	6	16	0	0
UINTAH BASIN	7	5	10	4	15	9	16	17	9	7	17	19	0	0
DAGGETT	0	0	0	0	0	0	0	1	0	1	0	0	0	0
DUCHESNE	1	2	3	3	8	5	9	10	2	0	6	5	0	0
UINTAH	6	3	7	1	7	4	7	6	7	6	11	14	0	0
UTAH COUNTY	46	31	55	45	65	50	91	74	77	78	77	147	0	0
WASATCH	1	1	1	1	6	5	5	8	7	3	5	14	0	0
WEBER-MORGAN	49	31	57	46	69	43	101	70	77	81	83	167	0	0
MORGAN	1	1	0	1	2	0	4	3	1	6	4	6	0	0
WEBER	48	30	57	45	67	43	97	67	76	75	79	161	0	0

TABLE A-38

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY															
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
TOTAL		9,223	52	227	316	178	2	697	64	70	28	36	98	59	26	70	34	18
SHIGELLOSIS AND AMEBIASIS	004,006	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	007-009	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS	010-018	7	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	6	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
OTHER TUBERCULOSIS	013-018	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	038	55	0	3	1	0	0	2	0	1	0	0	1	1	0	0	1	0
VIRAL HEPATITUS	070	6	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	001-003,005,020-032,037 039-041,*042-*044,046-054,056-066,071-088,098-139	73	0	1	1	1	0	4	0	1	0	1	0	0	0	0	0	0
MALIGNANT NEOPLASMS	140-208	1,857	6	44	56	38	2	161	13	15	5	13	22	14	7	14	5	3
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	20	0	0	0	1	0	2	0	0	0	1	1	0	0	0	0	0
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	439	1	16	14	11	0	30	4	5	3	1	4	4	2	3	0	1
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	337	1	9	5	7	0	22	2	3	1	6	2	2	3	2	1	1
MALIGNANT NEOPLASMS OF BREAST	174-175	175	0	1	5	3	0	14	1	1	1	2	1	2	0	1	1	0
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	282	1	5	10	5	0	26	2	3	0	0	3	2	0	2	1	0
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	76	0	3	3	0	0	6	0	0	0	1	1	0	0	1	0	0
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173,190-199	297	1	4	6	8	1	34	2	0	0	2	6	4	1	5	0	1
LEUKEMIA	204-208	103	1	3	6	2	0	10	0	3	0	0	3	0	0	0	1	0
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	128	1	3	7	1	1	17	2	0	0	0	1	0	1	0	1	0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	42	0	1	0	2	0	5	0	2	0	1	0	0	0	0	0	0
DIABETES MELLITUS	250	308	0	5	3	5	0	25	3	6	0	0	2	2	0	2	0	1
NUTRITIONAL DEFICIENCIES	260-269	27	0	1	3	0	0	1	0	0	0	0	0	1	0	0	0	0
ANEMIAS	280-285	16	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0
MENINGITIS	320-322	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY															
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	574-575	16	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	93	1	4	5	4	0	8	0	1	0	0	1	0	0	0	1	0
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME	580-581	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC GLOMERULONEPHRITIS, NEPHRITIS AND NEPHROPATHY,NOT SPECIFIED AS ACUTE OR CHRONIC AND RENAL SCLEROSIS UNSPECIFIED	582-583,587	8	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
RENAL FAILURE,DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE	584-586,588-589	83	1	4	5	4	0	6	0	1	0	0	1	0	0	0	1	0
INFECTIONS OF KIDNEY	590	10	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
HYPERPLASIA OF PROSTATE	600	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	740-759	122	0	1	5	0	0	11	1	2	0	0	4	1	0	2	0	0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	88	0	1	2	0	0	10	0	0	0	0	0	0	1	0	0	0
BIRTH TRAUMA,INTRAUTERINE HYPOXIA BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME	767-769	17	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-766,770-779	71	0	1	2	0	0	6	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	780-799	153	0	5	5	2	0	13	0	1	0	0	2	0	0	1	0	0
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	547	1	12	20	20	0	43	1	10	6	1	10	5	1	4	2	0
MOTOR VEHICLE ACCIDENTS	E810-E825	313	0	10	11	13	0	26	0	7	6	1	3	4	1	1	2	0
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS	E800-E807,E826-E949	234	1	2	9	7	0	17	1	3	0	0	7	1	0	3	0	0
SUICIDE	E950-E959	212	3	7	5	5	0	17	1	1	0	1	3	2	0	2	1	0
HOMICIDE AND LEGAL INTERVENTION	E960-E978	54	0	1	0	0	0	2	0	0	1	0	0	0	0	0	0	1
ALL OTHER EXTERNAL CAUSES	E980-E999	50	1	1	1	0	0	3	1	0	1	0	0	0	0	0	0	0
ALL OTHER DISEASES	RESIDUAL	977	3	25	30	13	0	65	7	1	1	4	10	9	4	7	4	1

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
TOTAL		8	3,979	62	126	129	44	183	112	1,084	69	353	22	1,077
SHIGELLOSIS AND AMEBIASIS	004,006	0	0	0	0	1	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	007-009	0	0	0	0	0	0	0	0	1	0	0	0	0
TUBERCULOSIS	010-018	0	2	1	0	0	0	0	0	1	0	0	0	0
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	0	2	1	0	0	0	0	0	1	0	0	0	0
OTHER TUBERCULOSIS	013-018	0	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	038	0	19	0	1	1	1	2	1	9	0	2	1	8
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	001-003,005,020-032,037 039-041,*042-*044,046-054,056-066,071-088,098-139	0	42	0	0	2	0	2	0	10	0	1	1	6
MALIGNANT NEOPLASMS	140-208	1	819	10	20	30	5	47	18	181	17	76	2	213
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	0	9	1	0	1	0	0	0	3	0	0	0	1
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	0	195	2	4	3	3	8	6	42	6	20	1	50
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	0	157	0	3	7	0	14	7	26	2	13	0	41
MALIGNANT NEOPLASMS OF BREAST	174-175	0	83	1	0	2	1	6	0	19	3	5	0	22
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	0	124	2	2	7	0	5	3	32	3	10	0	34
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	0	36	3	1	1	0	1	0	6	0	2	0	11
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173,190-199	0	118	0	9	6	0	11	1	31	2	12	1	31
LEUKEMIA	204-208	1	48	0	1	0	0	0	0	11	1	7	0	5
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	0	49	1	0	3	1	2	1	11	0	7	0	18
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	0	19	0	1	1	0	2	1	4	0	0	0	3
DIABETES MELLITUS	250	0	143	1	2	6	0	7	4	42	1	15	0	33
NUTRITIONAL DEFICIENCIES	260-269	0	13	0	0	0	1	0	1	3	0	1	0	2
ANEMIAS	280-285	0	6	0	1	1	1	0	0	2	0	0	0	2
MENINGITIS	320-322	0	1	0	1	0	0	0	0	0	0	0	0	0

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
MAJOR CARDIOVASCULAR DISEASES	390-448	4	1,477	12	54	51	18	64	44	417	23	151	12	443
DISEASES OF HEART	390-398,402,404-429	1	1,120	10	42	39	10	46	38	310	17	101	11	349
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	390-398	0	23	1	1	1	0	0	0	5	0	0	1	10
HYPERTENSIVE HEART DISEASE	402	0	88	0	0	0	1	4	0	3	0	5	1	8
HYPERTENSIVE HEART AND RENAL DISEASE	404	0	3	0	0	0	0	0	0	1	0	0	0	0
ISCHEMIC HEART DISEASE	410-414	1	591	6	29	21	6	31	19	182	13	69	4	230
ACUTE MYOCARDIAL INFARCTION	410	0	277	4	26	15	4	13	11	100	8	42	2	116
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	411	1	4	0	0	0	0	0	0	1	0	0	0	0
ANGINA PECTORIS	413	0	1	0	0	0	0	0	0	1	0	0	0	0
OLD MYOCARDIAL INFARCTION AND OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	412,414	0	309	2	3	6	2	18	8	80	5	27	2	114
OTHER DISEASES OF ENDOCARDIUM	424	0	30	1	1	1	0	0	4	9	0	2	0	8
ALL OTHER FORMS OF HEART DISEASE	415-423,425-429	0	385	2	11	16	3	11	15	110	4	25	5	93
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	401,403	0	20	0	0	0	0	2	0	4	0	1	0	3
CEREBROVASCULAR DISEASES	430-438	3	265	2	11	11	4	13	4	81	5	38	1	74
OCCLUSION OF CEREBRAL ARTERIES	434	0	29	0	1	0	0	0	1	5	1	4	0	10
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE	430,433,435-438	3	236	2	10	11	4	13	3	76	4	34	1	64
ATHEROSCLEROSIS	440	0	27	0	0	0	3	1	1	11	1	5	0	9
OTHER DISEASES OF ARTERIES ARTERIOLES AND CAPILLARIES	441-448	0	45	0	1	1	1	2	1	11	0	6	0	8
ACUTE BRONCHITIS AND BRONCHIOLITIS	466	0	2	0	0	0	0	0	0	0	0	0	0	0
PNEUMONIA AND INFLUENZA	480-487	1	137	2	6	6	3	5	1	44	4	15	0	57
PNEUMONIA	480-486	0	127	2	6	6	3	5	1	44	4	11	0	56
INFLUENZA	487	1	10	0	0	0	0	0	0	0	0	4	0	1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	490-496	0	182	4	2	5	1	8	9	48	3	13	2	50
BRONCHITIS, CHRONIC AND UNSPECIFIED	490-491	0	10	1	0	0	0	2	0	4	0	0	0	1
EMPHYSEMA	492	0	17	1	1	1	0	1	6	9	1	2	0	16
ASTHMA	493	0	16	0	0	1	1	1	0	7	1	3	1	0
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	494-496	0	139	2	1	3	0	4	3	28	1	8	1	33
ULCER OF STOMACH AND DUODENUM	531-533	0	11	0	3	0	0	0	0	7	1	1	0	5
APPENDICITIS	540-543	0	0	0	0	0	0	0	0	1	0	0	0	0
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	550-553,560	0	19	0	0	0	0	0	0	9	0	2	0	3
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	0	60	0	2	1	0	2	0	4	1	1	0	13

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY															
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	574-575	16	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	93	1	4	5	4	0	8	0	1	0	0	1	0	0	0	1	0
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME	580-581	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC GLOMERULONEPHRITIS, NEPHRITIS AND NEPHROPATHY,NOT SPECIFIED AS ACUTE OR CHRONIC AND RENAL SCLEROSIS UNSPECIFIED	582-583,587	8	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
RENAL FAILURE,DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE	584-586,588-589	83	1	4	5	4	0	6	0	1	0	0	1	0	0	0	1	0
INFECTIONS OF KIDNEY	590	10	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
HYPERPLASIA OF PROSTATE	600	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	740-759	122	0	1	5	0	0	11	1	2	0	0	4	1	0	2	0	0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	88	0	1	2	0	0	10	0	0	0	0	0	0	1	0	0	0
BIRTH TRAUMA,INTRAUTERINE HYPOXIA BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME	767-769	17	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-766,770-779	71	0	1	2	0	0	6	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	780-799	153	0	5	5	2	0	13	0	1	0	0	2	0	0	1	0	0
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	547	1	12	20	20	0	43	1	10	6	1	10	5	1	4	2	0
MOTOR VEHICLE ACCIDENTS	E810-E825	313	0	10	11	13	0	26	0	7	6	1	3	4	1	1	2	0
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS	E800-E807,E826-E949	234	1	2	9	7	0	17	1	3	0	0	7	1	0	3	0	0
SUICIDE	E950-E959	212	3	7	5	5	0	17	1	1	0	1	3	2	0	2	1	0
HOMICIDE AND LEGAL INTERVENTION	E960-E978	54	0	1	0	0	0	2	0	0	1	0	0	0	0	0	0	1
ALL OTHER EXTERNAL CAUSES	E980-E999	50	1	1	1	0	0	3	1	0	1	0	0	0	0	0	0	0
ALL OTHER DISEASES	RESIDUAL	977	3	25	30	13	0	65	7	1	1	4	10	9	4	7	4	1

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
TOTAL		8	3,979	62	126	129	44	183	112	1,084	69	353	22	1,077
SHIGELLOSIS AND AMEBIASIS	004,006	0	0	0	0	1	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	007-009	0	0	0	0	0	0	0	0	1	0	0	0	0
TUBERCULOSIS	010-018	0	2	1	0	0	0	0	0	1	0	0	0	0
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	0	2	1	0	0	0	0	0	1	0	0	0	0
OTHER TUBERCULOSIS	013-018	0	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	038	0	19	0	1	1	1	2	1	9	0	2	1	8
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	001-003,005,020-032,037 039-041,*042-*044,046-054,056-066,071-088,098-139	0	42	0	0	2	0	2	0	10	0	1	1	6
MALIGNANT NEOPLASMS	140-208	1	819	10	20	30	5	47	18	181	17	76	2	213
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	0	9	1	0	1	0	0	0	3	0	0	0	1
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	0	195	2	4	3	3	8	6	42	6	20	1	50
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	0	157	0	3	7	0	14	7	26	2	13	0	41
MALIGNANT NEOPLASMS OF BREAST	174-175	0	83	1	0	2	1	6	0	19	3	5	0	22
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	0	124	2	2	7	0	5	3	32	3	10	0	34
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	0	36	3	1	1	0	1	0	6	0	2	0	11
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173,190-199	0	118	0	9	6	0	11	1	31	2	12	1	31
LEUKEMIA	204-208	1	48	0	1	0	0	0	0	11	1	7	0	5
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	0	49	1	0	3	1	2	1	11	0	7	0	18
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	0	19	0	1	1	0	2	1	4	0	0	0	3
DIABETES MELLITUS	250	0	143	1	2	6	0	7	4	42	1	15	0	33
NUTRITIONAL DEFICIENCIES	260-269	0	13	0	0	0	1	0	1	3	0	1	0	2
ANEMIAS	280-285	0	6	0	1	1	1	0	0	2	0	0	0	2
MENINGITIS	320-322	0	1	0	1	0	0	0	0	0	0	0	0	0

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
MAJOR CARDIOVASCULAR DISEASES	390-448	4	1,477	12	54	51	18	64	44	417	23	151	12	443
DISEASES OF HEART	390-398,402,404-429	1	1,120	10	42	39	10	46	38	310	17	101	11	349
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	390-398	0	23	1	1	1	0	0	0	5	0	0	1	10
HYPERTENSIVE HEART DISEASE	402	0	88	0	0	0	1	4	0	3	0	5	1	8
HYPERTENSIVE HEART AND RENAL DISEASE	404	0	3	0	0	0	0	0	0	1	0	0	0	0
ISCHEMIC HEART DISEASE	410-414	1	591	6	29	21	6	31	19	182	13	69	4	230
ACUTE MYOCARDIAL INFARCTION	410	0	277	4	26	15	4	13	11	100	8	42	2	116
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	411	1	4	0	0	0	0	0	0	1	0	0	0	0
ANGINA PECTORIS	413	0	1	0	0	0	0	0	0	1	0	0	0	0
OLD MYOCARDIAL INFARCTION AND OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	412,414	0	309	2	3	6	2	18	8	80	5	27	2	114
OTHER DISEASES OF ENDOCARDIUM	424	0	30	1	1	1	0	0	4	9	0	2	0	8
ALL OTHER FORMS OF HEART DISEASE	415-423,425-429	0	385	2	11	16	3	11	15	110	4	25	5	93
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	401,403	0	20	0	0	0	0	2	0	4	0	1	0	3
CEREBROVASCULAR DISEASES	430-438	3	265	2	11	11	4	13	4	81	5	38	1	74
OCCLUSION OF CEREBRAL ARTERIES	434	0	29	0	1	0	0	0	1	5	1	4	0	10
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE	430,433,435-438	3	236	2	10	11	4	13	3	76	4	34	1	64
ATHEROSCLEROSIS	440	0	27	0	0	0	3	1	1	11	1	5	0	9
OTHER DISEASES OF ARTERIES ARTERIOLES AND CAPILLARIES	441-448	0	45	0	1	1	1	2	1	11	0	6	0	8
ACUTE BRONCHITIS AND BRONCHIOLITIS	466	0	2	0	0	0	0	0	0	0	0	0	0	0
PNEUMONIA AND INFLUENZA	480-487	1	137	2	6	6	3	5	1	44	4	15	0	57
PNEUMONIA	480-486	0	127	2	6	6	3	5	1	44	4	11	0	56
INFLUENZA	487	1	10	0	0	0	0	0	0	0	0	4	0	1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	490-496	0	182	4	2	5	1	8	9	48	3	13	2	50
BRONCHITIS, CHRONIC AND UNSPECIFIED	490-491	0	10	1	0	0	0	2	0	4	0	0	0	1
EMPHYSEMA	492	0	17	1	1	1	0	1	6	9	1	2	0	16
ASTHMA	493	0	16	0	0	1	1	1	0	7	1	3	1	0
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	494-496	0	139	2	1	3	0	4	3	28	1	8	1	33
ULCER OF STOMACH AND DUODENUM	531-533	0	11	0	3	0	0	0	0	7	1	1	0	5
APPENDICITIS	540-543	0	0	0	0	0	0	0	0	1	0	0	0	0
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	550-553,560	0	19	0	0	0	0	0	0	9	0	2	0	3
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	0	60	0	2	1	0	2	0	4	1	1	0	13

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	574-575	0	10	0	1	0	0	0	0	2	0	0	0	1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	0	32	1	5	3	1	2	1	6	1	4	0	12
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME	580-581	0	1	0	0	0	0	1	0	0	0	0	0	0
CHRONIC GLOMERULONEPHRITIS, NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC AND RENAL SCLEROSIS UNSPECIFIED	582-583,587	0	6	0	0	0	0	0	0	0	0	0	0	0
RENAL FAILURE, DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE	584-586,588-589	0	25	1	5	3	1	1	1	6	1	4	0	12
INFECTIONS OF KIDNEY	590	0	6	0	0	0	0	0	0	1	0	0	0	1
HYPERPLASIA OF PROSTATE	600	0	0	0	1	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	740-759	0	47	2	1	4	0	0	2	24	1	2	0	12
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	0	39	4	0	0	0	0	1	15	1	1	0	13
BIRTH TRAUMA, INTRAUTERINE HYPOXIA BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME	767-769	0	4	1	0	0	0	0	0	5	0	0	0	2
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-766,770-779	0	35	3	0	0	0	0	1	10	1	1	0	11
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	0	72	2	1	1	0	3	2	20	1	6	0	16
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	0	197	12	7	6	7	12	14	76	6	19	1	54
MOTOR VEHICLE ACCIDENTS	E810-E825	0	110	8	2	3	3	7	8	41	5	13	1	27
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS	E800-E807,E826-E949	0	87	4	5	3	4	5	6	35	1	6	0	27
SUICIDE	E950-E959	0	111	2	1	3	1	2	1	15	2	4	0	22
HOMICIDE AND LEGAL INTERVENTION	E960-E978	0	33	2	1	0	0	1	0	3	0	0	0	9
ALL OTHER EXTERNAL CAUSES	E980-E999	0	29	1	1	0	0	1	0	7	0	1	0	2
ALL OTHER DISEASES	RESIDUAL	2	447	6	14	7	5	23	12	132	7	38	3	97

UNDER ADVICE FROM THE NATIONAL CENTER FOR HEALTH STATISTICS, UTAH BEGAN IN 1987 TO CODE ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) AND AIDS RELATED DEATHS AS CODES 042-044. IN 1989, THERE WERE 43 REPORTED AIDS DEATHS TO ADULT RESIDENTS OF UTAH.

TABLE A-39

DEATHS BY SELECTED CAUSES AND AGE, RESIDENTS: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		AGE										
		ALL AGES	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +
TOTAL		**9,223**	**285**	**79**	**87**	**223**	**263**	**315**	**467**	**979**	**1,910**	**4,615**
SHIGELLOSIS AND AMEBIASIS	004,006	1	0	0	0	0	0	0	0	0	0	1
CERTAIN OTHER INTESTINAL INFECTIONS	007-009	1	0	0	0	0	0	0	0	0	0	1
TUBERCULOSIS	010-018	7	0	1	0	0	0	0	0	1	2	3
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	6	0	0	0	0	0	0	0	1	2	3
OTHER TUBERCULOSIS	013-018	1	0	1	0	0	0	0	0	0	0	0
SEPTICEMIA	038	55	2	0	0	0	0	2	2	5	9	35
VIRAL HEPATITUS	070	6	0	0	0	0	0	2	0	1	1	2
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	001-003,005,020-032,037,039-041 *042-*044,046-054,056-066,071-088,098-139	73	0	0	0	2	18	19	5	7	7	15
MALIGNANT NEOPLASMS	140-208	1,857	3	7	8	13	28	52	163	326	583	674
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	20	0	0	0	0	0	1	0	9	5	5
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	439	0	1	0	0	3	8	29	67	132	199
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	337	0	0	0	0	2	3	36	72	130	94
MALIGNANT NEOPLASMS OF BREAST	174-175	175	0	0	0	0	2	12	25	42	50	44
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	282	0	0	0	1	4	3	16	35	96	127
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	76	0	0	0	0	1	0	9	17	21	28
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173,190-199	297	2	1	4	8	7	13	27	48	85	102
LEUKEMIA	204-208	103	1	5	4	4	4	5	14	11	22	33
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	128	0	0	0	0	5	7	7	25	42	42
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	42	3	2	2	1	2	2	1	3	8	18
DIABETES MELLITUS	250	308	0	0	0	3	10	14	19	30	82	150
NUTRITIONAL DEFICIENCIES	260-269	27	0	0	0	0	0	0	0	0	3	24
ANEMIAS	280-285	16	2	0	0	0	0	2	0	0	3	9
MENINGITIS	320-322	3	1	0	0	0	1	0	0	0	1	0

TABLE A-39 (CONTINUED)

DEATHS BY SELECTED CAUSES AND AGE, RESIDENTS: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		AGE										
		ALL AGES	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +
MAJOR CARDIOVASCULAR DISEASES	390-448	3,576	3	1	4	4	20	58	121	314	742	2,309
DISEASES OF HEART	390-398,402,404-429	2,712	3	1	3	4	18	51	99	265	578	1,690
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	390-398	53	0	0	0	1	1	2	4	7	16	22
HYPERTENSIVE HEART DISEASE	402	121	0	0	0	0	0	2	13	14	22	70
HYPERTENSIVE HEART AND RENAL DISEASE	404	4	0	0	0	0	0	0	0	1	1	2
ISCHEMIC HEART DISEASE	410-414	1,560	0	0	0	0	5	21	52	142	365	975
ACUTE MYOCARDIAL INFARCTION	410	789	0	0	0	0	2	14	29	91	218	435
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	411	9	0	0	0	0	0	0	0	1	2	6
ANGINA PECTORIS	413	2	0	0	0	0	0	0	0	0	0	2
OLD MYOCARDIAL INFARCTION AND OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	412,414	760	0	0	0	0	3	7	23	50	145	532
OTHER DISEASES OF ENDOCARDIUM	424	72	0	0	0	0	1	1	3	5	10	52
ALL OTHER FORMS OF HEART DISEASE	415-423,425-429	902	3	1	3	3	11	25	27	96	164	569
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	401,403	34	0	0	0	0	0	0	2	5	4	23
CEREBROVASCULAR DISEASES	430-438	650	0	0	1	0	2	5	16	33	117	476
INTRACEREBRAL AND OTHER OCCLUSION OF CEREBRAL ARTERIES	434	68	0	0	0	0	0	0	1	3	11	53
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE	430,433,435-438	582	0	0	1	0	2	5	15	30	106	423
ATHEROSCLEROSIS	440	84	0	0	0	0	0	1	0	2	12	69
OTHER DISEASES OF ARTERIES ARTERIOLES AND CAPILLARIES	441-448	96	0	0	0	0	0	1	4	9	31	51
ACUTE BRONCHITIS AND BRONCHIOLITIS	466	2	1	0	0	0	0	0	0	0	0	1
PNEUMONIA AND INFLUENZA	480-487	353	7	0	2	3	2	4	5	12	36	282
PNEUMONIA	480-486	332	7	0	1	3	2	2	4	12	34	267
INFLUENZA	487	21	0	0	1	0	0	2	1	0	2	15
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	490-496	392	0	0	0	0	0	2	6	56	119	209
BRONCHITIS,CHRONIC AND UNSPECIFIED	490-491	22	0	0	0	0	0	0	0	4	6	12
EMPHYSEMA	492	61	0	0	0	0	0	0	1	11	24	25
ASTHMA	493	35	0	0	0	0	0	1	2	3	8	21
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	494-496	274	0	0	0	0	0	1	3	38	81	151
ULCER OF STOMACH AND DUODENUM	531-533	38	0	0	0	0	0	1	3	5	7	22
APPENDICITIS	540-543	1	0	0	0	0	0	0	0	0	1	0
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	550-553,560	44	0	0	0	0	0	0	2	0	8	34
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	98	0	0	0	0	3	9	16	25	26	19

TABLE A-39 (CONTINUED)

DEATHS BY SELECTED CAUSES AND AGE, RESIDENTS: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		AGE: ALL AGES	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	574-575	16	0	0	0	0	1	0	0	1	3	11
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	93	0	0	0	0	2	1	2	10	19	59
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME	580-581	2	0	0	0	0	0	1	0	1	0	0
CHRONIC GLOMERULONEPHRITIS, NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC AND RENAL SCLEROSIS UNSPECIFIED	582-583,587	8	0	0	0	0	0	0	0	1	2	5
RENAL FAILURE,DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE	584-586,588-589	83	0	0	0	0	2	0	2	8	17	54
INFECTIONS OF KIDNEY	590	10	0	0	0	0	0	0	0	1	0	9
HYPERPLASIA OF PROSTATE	600	1	0	0	0	0	0	0	0	0	0	1
CONGENITAL ANOMALIES	740-759	122	76	11	8	2	5	1	5	4	5	5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	88	86	2	0	0	0	0	0	0	0	0
BIRTH TRAUMA,INTRAUTERINE HYPOXIA BIRTH ASPHYXIA,AND RESPIRATORY DISTRESS SYNDROME	767-769	17	17	0	0	0	0	0	0	0	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-766,770-779	71	69	2	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	153	83	5	0	3	8	5	0	3	6	40
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	547	6	34	44	118	72	49	41	47	36	100
MOTOR VEHICLE ACCIDENTS	E810-E825	313	2	15	28	92	55	26	26	25	19	25
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS	E800-E807,E826-E949	234	4	19	16	26	17	23	15	22	17	75
SUICIDE	E950-E959	212	0	0	5	38	33	35	27	28	25	21
HOMICIDE AND LEGAL INTERVENTION	E960-E978	54	2	3	3	11	17	8	3	3	2	2
ALL OTHER EXTERNAL CAUSES	E980-E999	50	1	1	3	8	12	9	8	3	2	3
ALL OTHER DISEASES	RESIDUAL	977	9	12	8	17	29	40	38	94	174	556

UNDER ADVICE FROM THE NATIONAL CENTER FOR HEALTH STATISTICS, UTAH BEGAN IN 1987 TO CODE ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) AND AIDS RELATED DEATHS AS CODES 042-044. IN 1989, THERE WERE 43 REPORTED AIDS DEATHS TO ADULT RESIDENTS OF UTAH.

TABLE A-40

DEATHS BY PLACE WHERE DEATH OCCURRED AND HEALTH DISTRICT
COUNTY OF OCCURRENCE: UTAH, 1989

DISTRICT COUNTY	TOTAL	PLACE OF DEATH					
		HOSPITAL	HOME	ENROUTE	NURSING HOME	CLINIC OFFICE	OTHER PLACE
TOTAL	**9,636**	**4,415**	**2,435**	**283**	**2,209**	**39**	**255**
BEAR RIVER	**498**	**170**	**120**	**18**	**174**	**1**	**15**
BOX ELDER	192	55	61	12	53	0	11
CACHE	304	115	58	6	121	0	4
RICH	2	0	1	0	0	1	0
CENTRAL UTAH	**304**	**85**	**88**	**19**	**87**	**0**	**25**
JUAB	57	7	15	5	22	0	8
MILLARD	55	16	17	2	15	0	5
PIUTE	4	0	4	0	0	0	0
SANPETE	85	40	27	5	7	0	6
SEVIER	97	22	21	7	43	0	4
WAYNE	6	0	4	0	0	0	2
DAVIS	**580**	**197**	**191**	**9**	**169**	**0**	**14**
SALT LAKE	**4,667**	**2,367**	**1,199**	**94**	**930**	**20**	**57**
SOUTHEASTERN	**332**	**97**	**66**	**16**	**107**	**4**	**42**
CARBON	168	52	29	11	64	0	12
EMERY	49	0	18	0	20	1	10
GRAND	32	18	5	2	0	0	7
SAN JUAN	83	27	14	3	23	3	13
SOUTHWEST	**578**	**234**	**171**	**21**	**117**	**2**	**33**
BEAVER	47	32	11	3	0	0	1
GARFIELD	27	16	5	4	0	0	2
IRON	80	23	35	4	11	0	7
KANE	29	15	8	0	0	0	6
WASHINGTON	395	148	112	10	106	2	17
SUMMIT	**18**	**0**	**10**	**1**	**0**	**0**	**7**
TOOELE	**149**	**27**	**43**	**7**	**52**	**0**	**20**
UINTAH BASIN	**158**	**50**	**44**	**15**	**38**	**0**	**11**
DAGGETT	3	0	1	0	0	0	2
DUCHESNE	68	20	17	7	18	0	6
UINTAH	87	30	26	8	20	0	3
UTAH COUNTY	**1,121**	**591**	**243**	**31**	**234**	**8**	**14**
WASATCH	**60**	**27**	**16**	**3**	**9**	**2**	**3**	
WEBER-MORGAN	**1,171**	**570**	**244**	**49**	**292**	**2**	**14**
MORGAN	10	0	7	0	0	0	3
WEBER	1,161	570	237	49	292	2	11

TABLE A-41

DEATHS DUE TO VIOLENCE BY AGE, GENDER AND CAUSE, RESIDENTS: UTAH, 1989

AGE AND GENDER	TOTAL	CAUSE OF DEATH (9TH REV): ACCIDENTS, E800-E949		HOMICIDE E960-E979	SUICIDES E950-E959	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
		MOTOR VEHICLE E810-E825	ALL OTHER E800-E809 E826-E949			
TOTAL	**862**	**313**	**234**	**54**	**212**	**49**
MALE	596	201	158	36	167	34
FEMALE	266	112	76	18	45	15
UNDER 15	**102**	**45**	**39**	**8**	**5**	**5**
MALE	70	27	28	5	5	5
FEMALE	32	18	11	3	0	0
15-19	**93**	**52**	**14**	**5**	**18**	**4**
MALE	67	31	12	4	16	4
FEMALE	26	21	2	1	2	0
20-24	**82**	**40**	**12**	**6**	**20**	**4**
MALE	59	27	9	4	16	3
FEMALE	23	13	3	2	4	1
25-34	**134**	**55**	**17**	**17**	**33**	**12**
MALE	97	38	14	14	23	8
FEMALE	37	17	3	3	10	4
35-44	**101**	**26**	**23**	**8**	**35**	**9**
MALE	80	22	18	4	30	6
FEMALE	21	4	5	4	5	3
45-54	**79**	**26**	**15**	**3**	**27**	**8**
MALE	51	16	10	3	18	4
FEMALE	28	10	5	0	9	4
55-64	**81**	**25**	**22**	**3**	**28**	**3**
MALE	55	14	17	1	22	1
FEMALE	26	11	5	2	6	2
65-74	**64**	**19**	**17**	**2**	**25**	**1**
MALE	46	13	12	0	21	0
FEMALE	18	6	5	2	4	1
75-84	**78**	**20**	**38**	**0**	**19**	**1**
MALE	44	8	20	0	15	1
FEMALE	34	12	18	0	4	0
85 +	**48**	**5**	**37**	**2**	**2**	**2**
MALE	27	5	18	1	1	2
FEMALE	21	0	19	1	1	0

TABLE A-42

DEATHS DUE TO VIOLENCE BY CAUSE AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL	CAUSE OF DEATH (9TH REV): ACCIDENTS, E800-E949		HOMICIDE E960-E979	SUICIDES E950-E959	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
		MOTOR VEHICLE E810-E825	ALL OTHER E800-E809 E826-E949			
TOTAL	862	313	234	54	212	49
BEAR RIVER	47	21	11	1	12	2
BOX ELDER	21	10	2	1	7	1
CACHE	26	11	9	0	5	1
RICH	0	0	0	0	0	0
CENTRAL UTAH	34	11	12	2	8	1
JUAB	7	4	1	0	2	0
MILLARD	6	1	3	0	2	0
PIUTE	1	0	0	1	0	0
SANPETE	10	2	5	1	1	1
SEVIER	9	3	3	0	3	0
WAYNE	1	1	0	0	0	0
DAVIS	65	26	17	2	17	3
SALT LAKE	369	110	87	33	111	28
SOUTHEASTERN	55	29	14	2	9	1
CARBON	25	13	7	0	5	0
EMERY	11	7	3	0	1	0
GRAND	2	1	0	0	1	0
SAN JUAN	17	8	4	2	2	1
SOUTHWEST	51	23	14	1	10	3
BEAVER	5	0	1	0	3	1
GARFIELD	8	6	0	1	0	1
IRON	13	3	7	0	3	0
KANE	1	1	0	0	0	0
WASHINGTON	24	13	6	0	4	1
SUMMIT	8	3	4	0	1	0
TOOELE	16	7	5	1	2	1
UINTAH BASIN	18	8	7	0	2	1
DAGGETT	0	0	0	0	0	0
DUCHESNE	3	0	1	0	1	1
UINTAH	15	8	6	0	1	0
UTAH COUNTY	101	41	35	3	15	7
WASATCH	8	5	1	0	2	0
WEBER-MORGAN	90	29	27	9	23	2
MORGAN	3	2	0	0	1	0
WEBER	87	27	27	9	22	2

TABLE A-43

DEATHS DUE TO VIOLENCE BY RACE, GENDER AND CAUSE, RESIDENTS: UTAH, 1989

RACE AND GENDER	TOTAL	CAUSE OF DEATH (9TH REV)				
		ACCIDENTS, E800-E949				
		MOTOR VEHICLE E810-E825	ALL OTHER E800-E809 E826-E949	HOMICIDE E960-E979	SUICIDES E950-E959	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
TOTAL	**862**	**313**	**234**	**54**	**212**	**49**
WHITE	**799**	**287**	**220**	**39**	**207**	**46**
MALE	550	182	149	25	163	31
FEMALE	249	105	71	14	44	15
BLACK	**16**	**3**	**6**	**6**	**0**	**1**
MALE	12	2	4	5	0	1
FEMALE	4	1	2	1	0	0
INDIAN	**32**	**15**	**7**	**4**	**4**	**2**
MALE	25	12	5	3	3	2
FEMALE	7	3	2	1	1	0
OTHER RACE	**15**	**8**	**1**	**5**	**1**	**0**
MALE	9	5	0	3	1	0
FEMALE	6	3	1	2	0	0

TABLE A-44

DEATHS DUE TO ACCIDENTS BY MONTH OF DEATH AND TYPE OF ACCIDENT, OCCURRENCES: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	MONTH											
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL		596	34	28	41	51	52	66	64	67	62	43	42	46
RAILWAY	E800-E807	4	0	0	0	2	1	0	0	1	0	0	0	0
MOTOR VEHICLE	E810-E825	338	16	12	17	25	29	40	31	46	44	28	24	26
WATER TRANSPORT	E830-E838	3	0	0	0	0	0	0	2	0	0	1	0	0
AIR AND SPACE TRANSPORT	E840-E845	11	0	0	0	0	0	0	4	2	2	0	3	0
POISONING	E850-E869	28	2	4	5	4	3	3	1	1	1	0	2	2
FALLS	E880-E888	97	6	5	10	5	8	12	11	11	7	7	6	9
FIRE AND FLAMES	E890-E899	22	2	2	4	5	1	1	0	0	2	1	2	2
NATURE AND ENVIRONMENT	E900-E909	12	3	2	0	0	0	0	4	0	0	0	2	1
DROWNING AND SUBMERSION	E910	18	0	0	1	0	4	6	4	2	0	0	0	1
INHALATION AND INGESTATION OF FOOD CAUSING OBSTRUCTION OR SUFFOCATION	E911	1	0	0	0	1	0	0	0	0	0	0	0	0
INHALATION AND INGESTATION OF OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION	E912	4	0	0	0	0	0	0	1	0	1	1	1	0
MECHANICAL SUFFOCATION	E913	6	1	1	0	1	0	1	0	1	0	0	0	1
HIT BY OBJECT	E916-E918	10	2	0	0	0	3	0	2	0	1	1	0	1
FIREARM MISSILES	E922	7	0	0	0	1	0	1	2	0	0	2	1	0
EXPLOSIVE MATERIALS	E923	3	0	0	0	0	0	0	1	0	0	1	1	0
ELECTRIC CURRENT	E925	1	0	0	0	0	0	0	0	1	0	0	0	0
MACHINERY	E919	5	0	0	1	1	1	1	0	0	0	0	0	1
LATE EFFECTS OF ACCIDENTAL INJURY	E929	1	0	0	0	0	0	0	1	0	0	0	0	0
SURGICAL AND MEDICAL	E870-E876	4	0	0	0	1	1	0	0	0	1	0	0	1
OTHER		21	2	2	3	5	1	1	0	2	3	1	0	1

TABLE A-45

DEATHS DUE TO ACCIDENTS BY TYPE OF ACCIDENT, AGE AND GENDER OF DECEDENT, OCCURRENCES: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	AGE AND GENDER																							
			UNDER 15			15-19			20-24			25-34			35-44			45-54			55-64			65-OVER		
			T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
TOTAL		596	93	56	37	80	48	32	53	36	17	79	55	24	60	46	14	38	23	15	39	23	16	154	85	69
RAILWAY	E800-E807	4	1	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
MOTOR VEHICLE	E810-E825	338	49	28	21	64	34	30	40	26	14	58	37	21	32	22	10	23	13	10	17	7	10	55	32	23
WATER TRANSPORT	E830-E838	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
AIR AND SPACE TRANSPORT	E840-E845	11	0	0	0	0	0	0	4	2	2	2	2	0	3	3	0	0	0	0	2	1	1	0	0	0
POISONING	E850-E869	28	2	1	1	1	1	0	1	1	0	7	5	2	8	7	1	6	4	2	1	0	1	2	2	0
FALLS	E880-E888	97	3	2	1	4	4	0	1	1	0	5	4	1	5	4	1	3	2	1	6	5	1	70	33	37
FIRE AND FLAMES	E890-E899	22	8	4	4	1	1	0	4	3	1	0	0	0	0	0	0	2	1	1	1	1	0	6	5	1
NATURE AND ENVIRONMENT	E900-E909	12	1	1	0	2	1	1	1	1	0	1	1	0	2	2	0	1	1	0	2	1	1	2	1	1
DROWNING AND SUBMERSION	E910	18	9	6	3	2	2	0	1	1	0	2	2	0	3	2	1	0	0	0	0	0	0	1	0	1
INHALATION AND INGESTATION OF FOOD CAUSING OBSTRUCTION OR SUFFOCATION	E911	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
INHALATION AND INGESTATION OF OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION	E912	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	2
MECHANICAL SUFFOCATION	E913	6	1	1	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	0	1	0	1	0	0	0
HIT BY OBJECT	E916-E918	10	3	2	1	0	0	0	0	0	0	0	0	0	3	3	0	1	0	1	2	2	0	1	1	0
FIREARM MISSILES	E922	7	3	3	0	2	2	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
EXPLOSIVE MATERIALS	E923	3	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0
ELECTRIC CURRENT	E925	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MACHINERY	E919	5	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
LATE EFFECTS OF ACCIDENTAL INJURY	E929	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
SURGICAL AND MEDICAL	E870-E876	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
OTHER		21	4	1	3	1	0	1	1	1	0	0	0	0	3	2	1	0	0	0	3	3	0	9	5	4

TABLE A-46

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY																
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
TOTAL		251	1	9	4	13	0	10	0	0	0	0	1	1	0	2	1	0
TUBERCULOSIS	010-018	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	038	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
VIRAL HEPATITUS	070	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	001-003,005,020-032,037 039-041,*042-*044,046-054,056-066,071-088,098-139	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALIGNANT NEOPLASMS	140-208	44	0	1	0	3	0	2	0	0	0	0	0	0	0	1	1	0
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	20	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MALIGNANT NEOPLASMS OF BREAST	174-175	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173,190-199	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LEUKEMIA	204-208	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIABETES MELLITUS	250	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAJOR CARDIOVASCULAR DISEASES	390-448	64	0	2	1	2	0	3	0	0	0	0	0	1	0	0	0	0
DISEASES OF HEART	390-398,402,404-429	45	0	2	1	2	0	1	0	0	0	0	0	1	0	0	0	0
HYPERTENSIVE HEART DISEASE	402	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISCHEMIC HEART DISEASE	410-414	22	0	2	0	1	0	1	0	0	0	0	0	1	0	0	0	0
ACUTE MYOCARDIAL INFARCTION	410	14	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
OLD MYOCARDIAL INFARCTION AND OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	412,414	8	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0

TABLE A-46 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY																
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
OTHER DISEASES OF ENDOCARDIUM	424	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER FORMS OF HEART DISEASE	415-423,425-429	19	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	401,403	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEREBROVASCULAR DISEASES	430-438	15	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
OCCLUSION OF CEREBRAL ARTERIES	434	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE	430,433,435-438	13	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
ATHEROSCLEROSIS	440	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER DISEASES OF ARTERIES ARTERIOLES AND CAPILLARIES	441-448	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PNEUMONIA AND INFLUENZA	480-487	9	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
PNEUMONIA	480-486	9	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	490-496	11	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0
BRONCHITIS, CHRONIC AND UNSPECIFIED	490-491	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
ASTHMA	493	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	494-496	9	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ULCER OF STOMACH AND DUODENUM	531-533	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	10	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
CHOLELITHIASIS AND OTHER DISORDERS OF																		
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACUTE GLOMERULONEPHRITIS AND RENAL FAILURE, DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE	584-586,588-589	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	740-759	6	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	7	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
BIRTH TRAUMA, INTRAUTERINE HYPOXIA BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME	767-769	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-766,770-779	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-46 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY															
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	27	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
MOTOR VEHICLE ACCIDENTS	E810-E825	15	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS	E800-E807,E826-E949	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUICIDE	E950-E959	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOMICIDE AND LEGAL INTERVENTION	E960-E978	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER EXTERNAL CAUSES	E980-E999	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER DISEASES	RESIDUAL	22	0	2	0	1	0	2	0	0	0	0	0	0	0	0	0	0

NOTES: UNDER ADVICE FROM THE NATIONAL CENTER FOR HEALTH STATISTICS, UTAH BEGAN IN 1987 TO CODE ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) AND AIDS RELATED DEATHS AS CODES 042-044. IN 1989, THERE WERE 3 REPORTED AIDS DEATHS TO ADULT RESIDENTS OF SPANISH ORIGIN IN UTAH.

TABLE A-46 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
TOTAL		0	127	4	3	1	0	13	4	13	0	4	0	40
TUBERCULOSIS	010-018	0	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	0	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	038	0	0	0	0	0	0	0	0	0	0	0	0	1
VIRAL HEPATITUS	070	0	1	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	001-003,005,020-032,037 039-041,*042-*044,046-054,056-066,071-088,098-139	0	1	0	0	0	0	1	0	1	0	0	0	0
MALIGNANT NEOPLASMS	140-208	0	18	1	0	0	0	1	2	5	0	0	0	9
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	0	0	0	0	0	0	0	0	0	0	0	0	1
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	0	9	1	0	0	0	1	1	3	0	0	0	2
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	0	0	0	0	0	0	0	1	0	0	0	0	1
MALIGNANT NEOPLASMS OF BREAST	174-175	0	2	0	0	0	0	0	0	0	0	0	0	1
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	0	2	0	0	0	0	0	0	0	0	0	0	0
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	0	1	0	0	0	0	0	0	0	0	0	0	1
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173,190-199	0	4	0	0	0	0	0	0	0	0	0	0	2
LEUKEMIA	204-208	0	0	0	0	0	0	0	0	1	0	0	0	0
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	0	0	0	0	0	0	0	0	1	0	0	0	1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	0	0	0	0	0	0	1	0	0	0	0	0	0
DIABETES MELLITUS	250	0	8	0	0	1	0	0	0	1	0	1	0	2
MAJOR CARDIOVASCULAR DISEASES	390-448	0	35	0	1	0	0	4	0	1	0	1	0	13
DISEASES OF HEART	390-398,402,404-429	0	26	0	0	0	0	3	0	1	0	0	0	8
HYPERTENSIVE HEART DISEASE	402	0	2	0	0	0	0	0	0	0	0	0	0	0
ISCHEMIC HEART DISEASE	410-414	0	13	0	0	0	0	2	0	0	0	0	0	2
ACUTE MYOCARDIAL INFARCTION	410	0	10	0	0	0	0	0	0	0	0	0	0	1
OLD MYOCARDIAL INFARCTION AND OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	412,414	0	3	0	0	0	0	2	0	0	0	0	0	1

TABLE A-46 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY											
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
OTHER DISEASES OF ENDOCARDIUM	424	0	1	0	0	0	0	0	0	1	0	0	0	0
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	401,403	0	1	0	0	0	0	0	0	0	0	0	0	0
CEREBROVASCULAR DISEASES	430-438	0	6	0	1	0	0	1	0	0	0	1	0	4
OCCLUSION OF CEREBRAL ARTERIES	434	0	2	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE	430,433,435-438	0	4	0	1	0	0	1	0	0	0	1	0	4
ATHEROSCLEROSIS	440	0	1	0	0	0	0	0	0	0	0	0	0	1
OTHER DISEASES OF ARTERIES ARTERIOLES AND CAPILLARIES	441-448	0	1	0	0	0	0	0	0	0	0	0	0	0
PNEUMONIA AND INFLUENZA	480-487	0	4	0	0	0	0	1	0	0	0	0	0	3
PNEUMONIA	480-486	0	4	0	0	0	0	1	0	0	0	0	0	3
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	490-496	0	5	0	0	0	0	0	0	0	0	0	0	2
BRONCHITIS, CHRONIC AND UNSPECIFIED	490-491	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTHMA	493	0	1	0	0	0	0	0	0	0	0	0	0	0
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	494-496	0	4	0	0	0	0	0	0	0	0	0	0	2
ULCER OF STOMACH AND DUODENUM	531-533	0	1	0	0	0	0	0	0	0	0	0	0	0
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	0	7	0	0	0	0	0	0	0	0	0	0	0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	0	1	0	0	0	0	1	0	0	0	1	0	0
CHRONIC GLOMERULONEPHRITIS, NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC AND RENAL SCLEROSIS UNSPECIFIED	582-583,587	0	0	0	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	740-759	0	3	0	0	0	0	0	0	0	0	0	0	1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	0	3	1	0	0	0	0	0	1	0	0	0	0
BIRTH TRAUMA, INTRAUTERINE HYPOXIA BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME	767-769	0	1	1	0	0	0	0	0	0	0	0	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-766,770-779	0	2	0	0	0	0	0	0	1	0	0	0	0

TABLE A-46 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE WHERE DECEDENT IS OF SPANISH ORIGIN: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	0	2	0	0	0	0	1	0	1	0	0	0	2
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	0	13	1	1	0	0	1	2	2	0	0	0	3
MOTOR VEHICLE ACCIDENTS	E810-E825	0	9	0	1	0	0	0	1	1	0	0	0	0
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS	E800-E807,E826-E949	0	4	1	0	0	0	1	1	1	0	0	0	3
SUICIDE	E950-E959	0	5	1	0	0	0	0	0	0	0	0	0	0
HOMICIDE AND LEGAL INTERVENTION	E960-E978	0	6	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER EXTERNAL CAUSES	E980-E999	0	4	0	0	0	0	1	0	0	0	0	0	1
ALL OTHER DISEASES	RESIDUAL	0	10	0	1	0	0	1	0	1	0	1	0	3

NOTES: UNDER ADVICE FROM THE NATIONAL CENTER FOR HEALTH STATISTICS, UTAH BEGAN IN 1987 TO CODE ACQUIRED IMMUNO-DEFICIENCY SYNDROME (AIDS) AND AIDS RELATED DEATHS AS CODES 042-044. IN 1989, THERE WERE 3 REPORTED AIDS DEATHS TO ADULT RESIDENTS OF SPANISH ORIGIN IN UTAH.

TABLE A-47

DEATHS TO PERSONS OF SPANISH ORIGIN BY AGE, GENDER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	TOTAL DEATHS	MALE	FEMALE	AGE AND GENDER: UNDER 1 M	UNDER 1 F	1-4 M	1-4 F	5-9 M	5-9 F	10-14 M	10-14 F	15-19 M	15-19 F
TOTAL	251	153	98	12	5	2	3	0	2	1	0	8	1
BEAR RIVER	13	7	6	1	0	1	1	0	0	0	0	1	0
BOX ELDER	9	5	4	0	0	1	1	0	0	0	0	1	0
CACHE	4	2	2	1	0	0	0	0	0	0	0	0	0
RICH	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL UTAH	7	3	4	0	1	0	0	0	0	0	0	0	0
JUAB	1	1	0	0	0	0	0	0	0	0	0	0	0
MILLARD	2	0	2	0	1	0	0	0	0	0	0	0	0
PIUTE	0	0	0	0	0	0	0	0	0	0	0	0	0
SANPETE	3	2	1	0	0	0	0	0	0	0	0	0	0
SEVIER	1	0	1	0	0	0	0	0	0	0	0	0	0
WAYNE	0	0	0	0	0	0	0	0	0	0	0	0	0
DAVIS	10	4	6	0	0	0	0	0	0	0	0	0	0
SALT LAKE	127	81	46	5	3	1	0	0	0	0	0	4	0
SOUTHEASTERN	17	11	6	1	0	0	0	0	0	0	0	2	0
CARBON	13	8	5	0	0	0	0	0	0	0	0	1	0
EMERY	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	4	3	1	1	0	0	0	0	0	0	0	1	0
SOUTHWEST	6	5	1	0	0	0	0	0	0	0	0	0	0
BEAVER	1	1	0	0	0	0	0	0	0	0	0	0	0
GARFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	1	1	0	0	0	0	0	0	0	0	0	0	0
KANE	0	0	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON	4	3	1	0	0	0	0	0	0	0	0	0	0
SUMMIT	0	0	0	0	0	0	0	0	0	0	0	0	0
TOOELE	13	6	7	1	0	0	0	0	0	0	0	0	0
UINTAH BASIN	4	3	1	0	0	0	0	0	1	0	0	0	0
DAGGETT	0	0	0	0	0	0	0	0	0	0	0	0	0
DUCHESNE	0	0	0	0	0	0	0	0	0	0	0	0	0
UINTAH	4	3	1	0	0	0	0	0	1	0	0	0	0
UTAH COUNTY	13	6	7	1	0	0	2	0	1	0	0	1	0
WASATCH	0	0	0	0	0	0	0	0	0	0	0	0	0
WEBER-MORGAN	41	27	14	3	1	0	0	0	0	1	0	0	1
MORGAN	1	1	0	0	0	0	0	0	0	0	0	0	0
WEBER	40	26	14	3	1	0	0	0	0	1	0	0	1

TABLE A-47 (CONTINUED)

DEATHS TO PERSONS OF SPANISH ORIGIN BY AGE, GENDER AND HEALTH DISTRICT, COUNTY OF RESIDENCE: UTAH, 1989

DISTRICT AND COUNTY	AGE AND GENDER															
	20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	**6**	**1**	**4**	**1**	**7**	**4**	**6**	**2**	**11**	**2**	**6**	**3**	**5**	**4**	**7**	**3**
BEAR RIVER	**0**	**1**	**1**	**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
BOX ELDER	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
CACHE	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
RICH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL UTAH	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**0**
JUAB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLARD	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
PIUTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SANPETE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
SEVIER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WAYNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAVIS	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
SALT LAKE	**5**	**0**	**3**	**0**	**6**	**2**	**4**	**1**	**5**	**1**	**5**	**1**	**3**	**2**	**4**	**1**
SOUTHEASTERN	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
CARBON	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
EMERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHWEST	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
BEAVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GARFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUMMIT	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TOOELE	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
UINTAH BASIN	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
DAGGETT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUCHESNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UINTAH	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
UTAH COUNTY	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
WASATCH	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
WEBER-MORGAN	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**1**	**1**	**2**	**2**	**2**	**1**
MORGAN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
WEBER	0	0	0	0	0	0	0	0	2	0	1	1	1	2	2	1

TABLE A-47 (CONTINUED)

DEATHS TO PERSONS OF SPANISH ORIGIN BY AGE, GENDER AND HEALTH DISTRICT, COUNTY OF RESIDENCE
UTAH, 1989

DISTRICT AND COUNTY	AGE AND GENDER											
	60-64		65-69		70-74		75-79		80-84		85 +	
	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	**12**	**6**	**11**	**11**	**15**	**10**	**14**	**11**	**14**	**12**	**12**	**17**
BEAR RIVER	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**
BOX ELDER	1	0	0	1	0	0	0	0	0	1	0	1
CACHE	0	0	0	0	0	0	0	0	0	0	0	0
RICH	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL UTAH	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**
JUAB	0	0	0	0	0	0	0	0	0	0	1	0
MILLARD	0	0	0	0	0	0	0	0	0	0	0	0
PIUTE	0	0	0	0	0	0	0	0	0	0	0	0
SANPETE	0	0	1	1	0	0	0	0	0	0	0	0
SEVIER	0	0	0	0	0	0	0	1	0	0	0	0
WAYNE	0	0	0	0	0	0	0	0	0	0	0	0
DAVIS	**0**	**0**	**0**	**1**	**0**	**0**	**2**	**0**	**1**	**1**	**0**	**1**
SALT LAKE	**6**	**3**	**6**	**4**	**7**	**6**	**5**	**7**	**8**	**8**	**4**	**7**
SOUTHEASTERN	**0**	**2**	**0**	**0**	**2**	**1**	**2**	**0**	**2**	**1**	**2**	**1**
CARBON	0	2	0	0	2	1	1	0	2	0	2	1
EMERY	0	0	0	0	0	0	0	0	0	0	0	0
GRAND	0	0	0	0	0	0	0	0	0	0	0	0
SAN JUAN	0	0	0	0	0	0	1	0	0	1	0	0
SOUTHWEST	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**1**	**0**	**1**	**1**
BEAVER	0	0	0	0	0	0	0	0	1	0	0	0
GARFIELD	0	0	0	0	0	0	0	0	0	0	0	0
IRON	1	0	0	0	0	0	0	0	0	0	0	0
KANE	0	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON	0	0	0	0	1	0	1	0	0	0	1	1
SUMMIT	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TOOELE	**0**	**0**	**2**	**2**	**0**	**1**	**0**	**1**	**1**	**0**	**0**	**2**
UINTAH BASIN	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
DAGGETT	0	0	0	0	0	0	0	0	0	0	0	0
DUCHESNE	0	0	0	0	0	0	0	0	0	0	0	0
UINTAH	0	0	1	0	0	0	0	0	0	0	0	0
UTAH COUNTY	**0**	**1**	**0**	**1**	**1**	**1**	**1**	**1**	**0**	**0**	**1**	**0**
WASATCH	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
WEBER-MORGAN	**4**	**0**	**1**	**1**	**4**	**1**	**3**	**1**	**1**	**1**	**3**	**4**
MORGAN	0	0	0	0	0	0	0	0	0	0	0	0
WEBER	4	0	1	1	4	1	3	1	1	1	3	4

TECHNICAL APPENDIX

Vital Statistics Registration in Utah

Centralized vital statistics registration for the State of Utah was first established by act of the Utah Legislature in 1905. Sections 26-2-1 through 26-2-27, Utah Code Annotated, 1953 as amended, provide the current statutory authority.

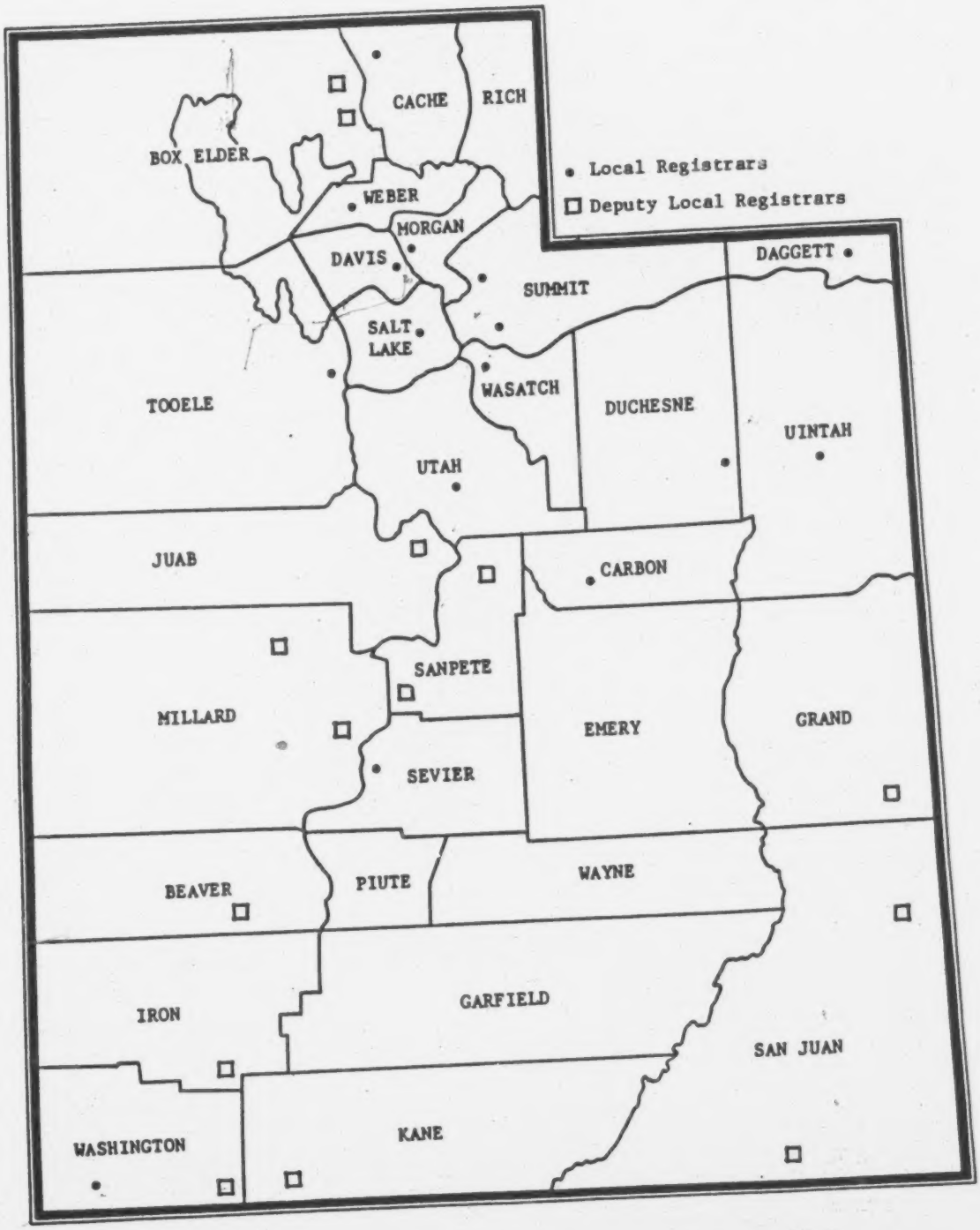
26-2-3. The Department shall have the following powers and duties:

(1) provide offices properly equipped for the preservation of vital records made or received under this chapter;
(2) establish a statewide system of vital statistics for the registration, collection, preservation, amendment and certification of vital records and other reports required by this chapter and activities related thereto including the tabulation, analysis, and publication of vital statistics;
(3) prescribe forms for certificates, certification, and other necessary forms;
(4) provide for the annual compilation, analysis, and publication of statistics from vital records;
(5) enforce this chapter and the rules made pursuant hereto;
(6) appoint a state registrar of vital statistics to direct the statewide system of vital statistics;
(7) divide the state from time to time into registration districts; and
(8) appoint local registrars for registration districts who under the direction and supervision of the state registrar shall perform all duties required of them by this chapter and the rules of the Department.

Under Utah's statutes, full-time health officers of local health departments become ex officio local registrars and are responsible for the registration of certificates for all births and deaths that occur within their respective jurisdictions. Four of the 29 counties (Salt Lake, Tooele, Utah and Davis), and five multi-county districts--Southeastern (Carbon, Emery, Grand and San Juan counties), Bear River (Box Elder, Cache and Rich counties), Southwest (Beaver, Garfield, Iron, Kane and Washington counties), and Weber-Morgan (Weber and Morgan) maintain full-time local registrars. The local registrars within the remaining five

FIGURE A-1

LOCATION OF LOCAL REGISTRARS OF VITAL STATISTICS: UTAH, 1989



counties are appointed by the State and usually perform their duties on a part-time basis, and in many cases simultaneously assume other positions within their community. The map of the State of Utah (Figure A-1) indicates the location of the local registrars within each of the 29 counties. Presently, there are 16 local registrars and 14 deputy local registrars in the State.

Source of Data

Vital Statistics certificates filed with the State Bureau of Vital Records and Health Statistics are the primary source of data presented within this report. These records include certificates of live birth, death and fetal death. Source data of official population estimates for the State are provided by the State Office of Planning and Budget.

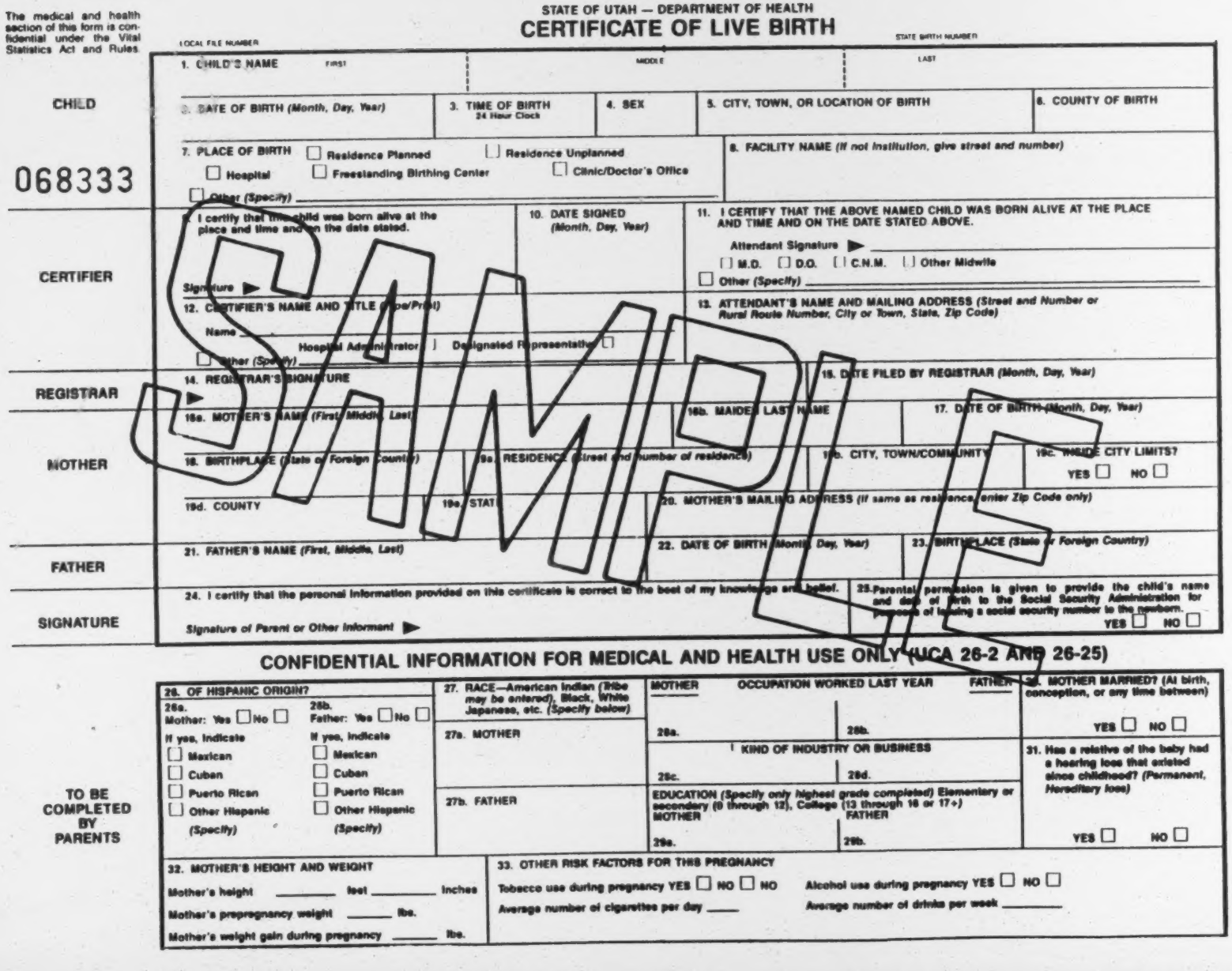
Certificate Revision

Utah's certificates of live birth, death and fetal death have been revised periodically; the most recent revisions occurring in 1989 for all certificates. The revised certificates include all of the items on the recommended national "Standard Certificates," with some modifications and additions to meet particular needs in Utah (Figures A-2, A-3 and A-4).

Quality and Limitation of Data

Limitations of the data must be recognized before valid interpretation is possible. For vital statistics data, these limitations are related to the difficulties in reporting and classifying information, and to some under-registration of events. It is necessary to exercise particular caution when evaluating vital statistics' trend data, since medical concepts, code definitions and method of assigning causes of death have changed over the years.

The completeness of registration for births was last tested at the state level in conjunction with the 1950 U.S. Census of the population and was found to be 98.7 percent complete at that time. At the present time, more than 99 percent of all Utah's resident births occur in hospitals. This fact, coupled with information from sample studies, indicates that the completeness of birth certificate registration now exceeds 99 percent.



STATE OF UTAH — DEPARTMENT OF HEALTH

CERTIFICATE OF LIVE BIRTH

The medical and health section of this form is confidential under the Vital Statistics Act and Rules.

LOCAL FILE NUMBER

068333

STATE BIRTH NUMBER

CHILD

1. CHILD'S NAME — First / Middle / Last
2. DATE OF BIRTH (Month, Day, Year)
3. TIME OF BIRTH (24 Hour Clock)
4. SEX
5. CITY, TOWN, OR LOCATION OF BIRTH
6. COUNTY OF BIRTH
7. PLACE OF BIRTH ☐ Residence Planned ☐ Residence Unplanned ☐ Hospital ☐ Freestanding Birthing Center ☐ Clinic/Doctor's Office ☐ Other (Specify)
8. FACILITY NAME (If not institution, give street and number)

CERTIFIER

9. I certify that the child was born alive at the place and time and on the date stated. Signature ▶
10. DATE SIGNED (Month, Day, Year)
11. I CERTIFY THAT THE ABOVE NAMED CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND ON THE DATE STATED ABOVE. Attendant Signature ▶ ☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Other Midwife ☐ Other (Specify)
12. CERTIFIER'S NAME AND TITLE (Type/Print) Name ☐ Hospital Administrator ☐ Designated Representative ☐ Other (Specify)
13. ATTENDANT'S NAME AND MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)

REGISTRAR

14. REGISTRAR'S SIGNATURE
15. DATE FILED BY REGISTRAR (Month, Day, Year)

MOTHER

16a. MOTHER'S NAME (First, Middle, Last)
16b. MAIDEN LAST NAME
17. DATE OF BIRTH (Month, Day, Year)
18. BIRTHPLACE (State or Foreign Country)
19a. RESIDENCE (Street and number of residence)
19b. CITY, TOWN/COMMUNITY
19c. INSIDE CITY LIMITS? YES ☐ NO ☐
19d. COUNTY
19e. STATE
20. MOTHER'S MAILING ADDRESS (If same as residence, enter Zip Code only)

FATHER

21. FATHER'S NAME (First, Middle, Last)
22. DATE OF BIRTH (Month, Day, Year)
23. BIRTHPLACE (State or Foreign Country)

SIGNATURE

24. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. Signature of Parent or Other Informant ▶
25. Parental permission is given to provide the child's name and date of birth to the Social Security Administration for purposes of issuing a social security number to the newborn. YES ☐ NO ☐

SAMPLE

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY (UCA 26-2 AND 26-25)

TO BE COMPLETED BY PARENTS

26. OF HISPANIC ORIGIN?
26a. Mother: Yes ☐ No ☐ If yes, indicate ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Other Hispanic (Specify)
26b. Father: Yes ☐ No ☐ If yes, indicate ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Other Hispanic (Specify)
27. RACE—American Indian (Tribe may be entered), Black, White Japanese, etc. (Specify below)
27a. MOTHER
27b. FATHER
OCCUPATION WORKED LAST YEAR — MOTHER / FATHER
28a.
28b.
KIND OF INDUSTRY OR BUSINESS
28c.
28d.
EDUCATION (Specify only highest grade completed) Elementary or secondary (0 through 12), College (13 through 16 or 17+) MOTHER / FATHER
29a.
29b.
30. MOTHER MARRIED? (At birth, conception, or any time between) YES ☐ NO ☐
31. Has a relative of the baby had a hearing loss that existed since childhood? (Permanent, Hereditary loss) YES ☐ NO ☐
32. MOTHER'S HEIGHT AND WEIGHT
Mother's height _____ feet _____ inches
Mother's prepregnancy weight _____ lbs.
Mother's weight gain during pregnancy _____ lbs.
33. OTHER RISK FACTORS FOR THIS PREGNANCY
Tobacco use during pregnancy YES ☐ NO ☐ NO
Average number of cigarettes per day _____
Alcohol use during pregnancy YES ☐ NO ☐
Average number of drinks per week _____

FIGURE A-2

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY (UCA 26-2 AND 26-25)

COMPLETION INSTRUCTIONS

It is the responsibility of the hospital to complete all of these items. The responses to items 34 through 46 should be the same as the medical records. If prenatal care information is not available in the medical records, the information for items 35, 36, 40, 41 and 46 should be obtained from the mother.

34. MOTHER'S NAME (First, Middle, Last)

44. INFANT TRANSFERRED? ☐ NO ☐ YES
If Yes, enter name of facility transferred to:

45. MOTHER TRANSFERRED PRIOR TO DELIVERY? ☐ NO ☐ YES
If Yes, enter name of facility transferred from:

35. MEDICAL RISK FACTORS FOR THIS PREGNANCY *(Check all that apply)*

- ☐ 01 Anemia (Hct. < 30/Hgb. < 10)
- ☐ 02 Cardiac disease
- ☐ 03 Acute or chronic lung disease
- ☐ 04 Diabetes
- ☐ 05 Genital herpes
- ☐ 06 Hemoglobinopathy
- ☐ 07 Polyhydramnios/Oligohydramnios
- ☐ 08 Hypertension, chronic
- ☐ 09 Hypertension, pregnancy-associated
- ☐ 10 Eclampsia
- ☐ 11 Incompetent cervix
- ☐ 12 Previous infant 4000 + grams
- ☐ 13 Previous preterm infant
- ☐ 14 Previous small-for-gestational-age infant
- ☐ 15 Renal disease
- ☐ 16 Rh sensitization
- ☐ 17 Rubella
- ☐ 18 Uterine bleeding
- ☐ 00 None
- ☐ 19 Other *(Specify)* _____
- ☐ 20 Unknown

46. PREGNANCY HISTORY *(Complete each section)*

LIVE BIRTHS *(Do not include this child)*		OTHER TERMINATIONS *(Spontaneous and induced at any time after conception)*
46a. Now Living	46b. Now Dead	46d.
Number ____	Number ____	Number ____
☐ None	☐ None	☐ None
46c. DATE OF LAST LIVE BIRTH *(Month, Year)*		46e. DATE OF LAST OTHER TERMINATION *(Month, Year)*

INSTRUCTION FOR MATERNAL CARE ATTENDANT
Items 47 through 49 are to be completed by the physician or other attendant at the delivery. These data may be abstracted from the delivery summary sheet.

47. ANTEPARTUM PROCEDURES DURING THIS PREGNANCY *(Check all that apply)*

- ☐ 01 Amniocentesis
- ☐ 02 Electronic fetal monitoring
- ☐ 03 Induction of labor
- ☐ 04 Stimulation of labor
- ☐ 05 Tocolysis
- ☐ 06 Ultrasound
- ☐ 00 None
- ☐ 07 Other *(Specify)* _____

48. METHOD OF DELIVERY *(Check all that apply)*

- ☐ 01 Vaginal
- ☐ 02 Vaginal birth after previous C-section
- ☐ 03 Primary C-section
- ☐ 04 Repeat C-section
- ☐ 05 Forceps
- ☐ 06 Vacuum

49. COMPLICATIONS OF LABOR AND/OR DELIVERY *(Check all that apply)*

- ☐ 01 Febrile (> 100° F. or 38° C.)
- ☐ 02 Meconium, moderate/heavy
- ☐ 03 Premature rupture of membrane (> 12 hours)
- ☐ 04 Abruptio placenta
- ☐ 05 Placenta previa
- ☐ 06 Other excessive bleeding
- ☐ 07 Seizures during labor
- ☐ 08 Precipitous labor (< 3 hours)
- ☐ 09 Prolonged labor (> 20 hours)
- ☐ 10 Dysfunctional labor
- ☐ 11 Breech/Malpresentation
- ☐ 12 Cephalopelvic disproportion
- ☐ 13 Cord prolapse
- ☐ 14 Anesthetic complications
- ☐ 15 Fetal distress
- ☐ 00 None
- ☐ 16 Other _____ *(Specify)*
- ☐ 17 Unknown

INSTRUCTION FOR NEWBORN CARE ATTENDANT
Items 50 and 51 are to be completed by the physician or other attendant for the newborn.

50. ABNORMAL CONDITIONS OF THE NEWBORN *(Check all that apply)*

- ☐ 01 Anemia (Hct. < 39/Hgb. < 13)
- ☐ 02 Birth injury
- ☐ 03 Fetal alcohol syndrome
- ☐ 04 Neonatal meningitis
- ☐ 05 Congenital infection
- ☐ 06 Hyaline membrane disease/RDS
- ☐ 07 Meconium aspiration syndrome
- ☐ 08 Assisted ventilation < 30 min.
- ☐ 09 Assisted ventilation ≥ 30 min.
- ☐ 10 Seizures
- ☐ 00 None
- ☐ 11 Other _____ *(Specify)*
- ☐ 12 Unknown

51. CONGENITAL ANOMALIES OF CHILD *(Check all that apply)*

- ☐ 01 Anencephalus
- ☐ 02 Spina bifida / Meningocele
- ☐ 03 Hydrocephalus
- ☐ 04 Microcephalus
- ☐ 05 Other central nervous system anomalies *(Specify)* _____
- ☐ 06 Heart Malformations *(Specify)* _____
- ☐ 07 Other circulatory anomalies *(Specify)* _____
- ☐ 08 Respiratory anomalies *(Specify)* _____
- ☐ 09 Rectal atresia / stenosis
- ☐ 10 Tracheo-esophageal fistula / esophageal atresia
- ☐ 11 Omphalocele / Gastroschisis
- ☐ 12 Other gastrointestinal anomalies *(Specify)* _____
- ☐ 13 Malformed genitalia
- ☐ 14 Renal agenesis
- ☐ 15 Other urogenital anomalies *(Specify)* _____
- ☐ 16 Cleft lip / palate
- ☐ 17 Polydactyly /Syndactyly /Adactyly
- ☐ 18 Club foot
- ☐ 19 Diaphragmatic hernia
- ☐ 20 Other musculoskeletal /integumental anomalies *(Specify)* _____
- ☐ 21 Down's syndrome
- ☐ 22 Other chromosomal anomalies *(Specify)* _____
- ☐ 23 Multiple anomalies
- ☐ 00 None
- ☐ 24 Other _____ *(Specify)*
- ☐ 25 Unknown

36. DATE OF LAST NORMAL MENSES *(Month, Day, Year)*	**37. BIRTH WEIGHT** *(grams)*
38. THIS BIRTH SINGLE, TWIN, TRIPLET, ETC.	**39. IF NOT SINGLE BIRTH, BORN 1ST, 2ND, 3RD**
40. MONTH OF PREGNANCY PRENATAL CARE BEGAN 1ST, 2ND, 3RD, ETC.	**41. NO. OF PRENATAL VISITS**
42. CLINICAL ESTIMATE OF GESTATION _____ number of weeks	**43. APGAR SCORE** 1 minute / 5 minutes

SAMPLE

069402

111

FIGURE A-3

Access to information on this form is limited under the Vital Statistics Act and Rules

STATE OF UTAH - DEPARTMENT OF HEALTH

CERTIFICATE OF DEATH

LOCAL FILE NUMBER

STATE FILE NUMBER

USE PERMANENT BLACK INK

DECEDENT

1. NAME OF DECEDENT FIRST MIDDLE LAST | 2. SEX | 3a. DATE OF DEATH (Mo. Day. Yr.) | 3b. TIME OF DEATH (24 hr. clock)

4. DATE OF BIRTH (Mo. Day. Yr.) | 5. AGE - (Last Birthday) Yrs. | IF UNDER 1 YEAR: Months, Days | IF UNDER 24 HOURS: Hours, Minutes | 6. BIRTHPLACE (City & State or Foreign Country) | 7. SOCIAL SECURITY NUMBER

8a. PLACE OF DEATH (Check only one)
HOSPITAL: ☐ Inpatient ☐ ER/Outpatient ☐ DOA
OTHER: ☐ Nursing Home ☐ Residence ☐ Other

8b. NAME OF HOSPITAL, NURSING HOME OR OTHER FACILITY (If outside a facility, give street address of location)

8c. CITY, TOWN OR LOCATION OF DEATH | 8d. COUNTY OF DEATH | 9. SURVIVING SPOUSE (If wife, give maiden name)

10. WAS DECEDENT EVER IN U.S. ARMED FORCES? ☐ Yes ☐ No

11. MARITAL STATUS ☐ Never Married ☐ Married ☐ Divorced ☐ Widowed

12a. DECEDENT'S USUAL OCCUPATION (Give kind of work done during most of working life. Do NOT use retired) | 12b. KIND OF BUSINESS OR INDUSTRY

13a. RESIDENCE - STREET AND NUMBER | 13b. CITY, TOWN, OR COMMUNITY | 13c. COUNTY | 13d. STATE

13e. INSIDE CITY LIMITS? ☐ Yes ☐ No | 13f. ZIP CODE

14. WAS DECEDENT OF HISPANIC ORIGIN? ☐ Yes ☐ No (If yes, specify) ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Other (Specify)

15. RACE - Black, White, Am. Indian (Tribe may be entered), Japanese, etc. (Specify)

16. EDUCATION (Specify only highest grade completed) Elementary or Secondary (0-12)-College (13-16 or 17 +)

PARENTS

17. FATHER'S NAME (First, Middle, Last) | 18. MAIDEN NAME OF MOTHER (First, Middle, Last)

INFORMANT

19. NAME, RELATIONSHIP AND MAILING ADDRESS OF INFORMANT

DISPOSITION

20. METHOD OF DISPOSITION ☐ Entombment ☐ Donation ☐ Other ☐ Burial ☐ Cremation ☐ Removal

21a. DATE OF DISPOSITION | 21b. PLACE OF DISPOSITION (Name of cemetery, crematory, or other place) | 21c. LOCATION - City or Town, State

22. SIGNATURE OF FUNERAL SERVICE LICENSEE ▶ | 23. LICENSEE NUMBER | 24. FUNERAL HOME (Name, address and license number)

CERTIFIER

25. DATE DECEASED WAS LAST ATTENDED BY CERTIFYING PHYSICIAN

26. If not certified by medical examiner, was death reported to M.E.? ☐ Yes ☐ No
If yes, enter the date and hour reported. M.E. Case No. _____
HOUR | DAY | YEAR

27a. CERTIFIER
☐ CERTIFYING PHYSICIAN
To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.
☐ MEDICAL EXAMINER/LAW ENFORCEMENT OFFICIAL
On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, place, and due to the cause(s) and manner as stated.

27b. SIGNATURE AND TITLE OF CERTIFIER ▶ | 27c. LICENSE NUMBER | 27d. DATE SIGNED (Mo., Day, Yr.)

28. NAME AND ADDRESS OF PERSON WHO CERTIFIED THE CAUSE OF DEATH (ITEM 31) (Type/print)

REGISTRAR

29. REGISTRAR'S SIGNATURE ▶ | 30. DATE FILED (Month, Day, Year)

CAUSE OF DEATH

31. PART I. ENTER THE DISEASES, INJURIES, OR COMPLICATIONS THAT CAUSED THE DEATH. DO NOT ENTER THE MODE OF DYING, SUCH AS CARDIAC OR RESPIRATORY ARREST, SHOCK, OR HEART FAILURE. LIST ONLY ONE CAUSE ON EACH LINE. | Approximate Interval Between Onset And Death

IMMEDIATE CAUSE (Final disease or condition resulting in death)
a. _____ DUE TO (OR AS A CONSEQUENCE OF)

Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (disease or injury that initiated events resulting in death) LAST
b. _____ DUE TO (OR AS A CONSEQUENCE OF)
c. _____ DUE TO (OR AS A CONSEQUENCE OF)
d. _____

PART II. Other Significant Conditions contributing to death but not resulting in the underlying cause given in Part 1

32. IN YOUR OPINION, TOBACCO USE BY THE DECEDENT
☐ Probably contributed to the cause of death
☐ Was the underlying cause of death
☐ Did not contribute to the cause of death
☐ Is unknown in relation to the cause of death
☐ NON-USER

33a. WAS AN AUTOPSY PERFORMED? ☐ Yes ☐ No

33b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? ☐ Yes ☐ No

34. MANNER OF DEATH ☐ Natural ☐ Accident ☐ Suicide ☐ Homicide ☐ Undetermined If Injured Purposely or Accidentally ☐ Pending Investigation

35a. DATE OF INJURY (Month, Day, Year) | 35b. TIME OF INJURY (24 Hour Clock) | 35c. INJURY AT WORK? ☐ Yes ☐ No | 35d. PLACE OF INJURY-At home, farm, street, factory, office, building, etc. (Specify)

35e. LOCATION (Street or R.R. route number, city or town, county and state) | 35g. If motor vehicle accident, specify if decedent was driver, passenger or pedestrian.

35f. DESCRIBE HOW INJURY OCCURRED (enter sequence of events which resulted in injury. NATURE OF INJURY SHOULD BE ENTERED IN ITEM 31)

SAMPLE

UDH-BVRHS-Form 12. Rev. 1-1-89

FIGURE A-4

STATE OF UTAH - DEPARTMENT OF HEALTH

FETAL DEATH CERTIFICATE

The Release and Health Information of this form is confidential under the Vital Statistics Act and Rules

LOCAL FILE NUMBER

STATE FILE NUMBER

PARENTS

1. NAME OF FETUS: First | Middle | Last
2. SEX
3a. DATE OF DELIVERY (Mo., Day, Yr.)
3b. TIME OF DELIVERY (24 hr. clock)
4. PLACE OF DELIVERY - HOSPITAL NAME (If not in Hospital, give street & address)
5. CITY, TOWN OR LOCATION OF DELIVERY
6. COUNTY OF DELIVERY
7a. MOTHER'S NAME (First, Middle, Last)
7b. MAIDEN LAST NAME
8. MOTHER'S DATE OF BIRTH (Month, Day, Year)
9a. RESIDENCE-STATE
9b. COUNTY
9c. CITY, COUNTY OR LOCATION
9d. STREET AND NUMBER
9e. INSIDE CITY LIMITS? ☐ Yes ☐ No
9f. ZIP CODE
10. FATHER'S NAME (First, Middle, Last)
11. FATHER'S DATE OF BIRTH (Month, Day, Year)
12. OF HISPANIC ORIGIN?
12a. Mother: Yes ☐ No ☐ If yes, indicate: ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Other Hispanic (Specify)
12b. Father: Yes ☐ No ☐ If yes, indicate: ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Other Hispanic (Specify)
13. RACE - American Indian (Tribe may be entered), Black, White, Japanese, etc. (Specify)
13a. MOTHER
13b. FATHER
14a. MOTHER: OCCUPATION WORKED LAST YEAR
14b. FATHER
14c. MOTHER: KIND OF INDUSTRY OR BUSINESS
14d. FATHER
15. EDUCATION (Specify only highest grade completed: Elementary Or Secondary (0 through 12) Or College (13 through 16 or 17 +))
15a. MOTHER
15b. FATHER

16. PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS	OTHER TERMINATIONS (Spontaneous and induced or any time after conception)
16a. Now Living: Number ____ ☐ None	16d. (Do not include this fetus) Number ____ ☐ None
16b. Now Dead: Number ____ ☐ None	
16c. DATE OF LAST LIVE BIRTH (Month, Year)	16e. DATE OF LAST OTHER TERMINATION (Month, Year)

17. MOTHER MARRIED? (At delivery, remarriage, or any time between) (Yes or No)
18. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)
19. MONTH OF PREGNANCY PRENATAL CARE BEGAN-First, Second, Third, etc. (Specify)
20. PRENATAL VISITS-Total number (If none, so state)
21. WEIGHT OF FETUS (Grams)
22. CLINICAL ESTIMATE OF GESTATION (Weeks)
23a. PLURALITY-Single, Twin, Triplet, etc. (Specify)
23b. IF NOT SINGLE BIRTH-Born First, Second, Third, etc. (Specify)

CAUSE OF DEATH

Enter only one cause per line for a., b., and c.

24. PART I. Fetal or maternal condition directly causing fetal death
a. IMMEDIATE CAUSE
DUE TO (OR AS A CONSEQUENCE OF)
Specify Fetal or Maternal
Fetal and/or maternal conditions, if any, giving rise to the immediate cause(s) stating the underlying cause last
b.
DUE TO (OR AS A CONSEQUENCE OF)
Specify Fetal or Maternal
c.
Specify Fetal or Maternal
PART II. Other significant conditions of fetus or mother contributing to fetal death but not resulting in the underlying cause given in Part I
25. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify)

ATTENDANT'S SIGNATURE

26a. I CERTIFY that the fetus described above was delivered at the place and time and date stated above and did not show evidence of life, and to the best of my knowledge died from the cause stated.
▶
26b. ATTENDANT - Name, Title (MD, DO, Certified Nurse Midwife, Other Midwife or Other Person) and LICENSE NO. (Type or print)

DISPOSITION OF FETUS

27. NAME AND LOCATION OF INSTITUTION IN CHARGE OF DISPOSITION (Hospital, Crematory, Funeral Home)
28. PERSON RESPONSIBLE FOR DISPOSITION
29. PLACE OF DISPOSITION (Hospital, Cemetery)
30. DATE OF DISPOSITION (Mo., Day, Yr.)
31. REGISTRAR'S SIGNATURE ▶
32. DATE filed by registrar (Mo., Day, Yr.)

MEDICAL AND HEALTH INFORMATION

33a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)
☐ 01 Anemia (hct. < 30 hgb. < 10)
☐ 02 Cardiac disease
☐ 03 Acute or chronic lung disease
☐ 04 Diabetes
☐ 05 Genital herpes
☐ 06 Hemoglobinopathy
☐ 07 Polyhydramnios / Oligohydramnios
☐ 08 Hypertension (PIH)
☐ 09 Hydrocephalus, anencephaly, spina bifida
☐ 10 Eclampsia
☐ 11 Incompetent cervix
☐ 12 Previous infant 4000+ grams
☐ 13 Previous preterm infant
☐ 14 Previous infant for gestational age infant
☐ 15 Renal disease
☐ 16 Rh sensitization
☐ 17 Rubella
☐ 18 Uterine bleeding
☐ 00 None
☐ 19 Other (Specify) ____
☐ 20 Unknown

33b. OTHER RISK FACTORS FOR THIS PREGNANCY
Tobacco use during pregnancy: Yes ☐ No ☐
Average number of cigarettes per day ____
Alcohol use during pregnancy: Yes ☐ No ☐
Average number of drinks per week ____
Mother's height ____ ft. ____ in.
Mother's pre-pregnancy weight ____ lbs.
Mother's weight gain during pregnancy ____ lbs.

34. ANTEPARTUM PROCEDURES DURING THIS PREGNANCY (Check all that apply)
☐ 01 Amniocentesis
☐ 02 Electronic fetal monitoring
☐ 03 Induction of labor
☐ 04 Stimulation of labor
☐ 05 Tocolysis
☐ 06 Ultrasound
☐ 00 None
☐ 07 Other (Specify) ____

35. METHOD OF DELIVERY (Check all that apply)
☐ 01 Vaginal
☐ 02 Vaginal birth after previous C-section
☐ 03 Primary C-section
☐ 04 Repeat C-section
☐ 05 Forceps
☐ 06 Vacuum
☐ 07 Hysterotomy / Hysterectomy

36. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)
☐ 01 Febrile (> 100 F or 38°C.)
☐ 02 Meconium: moderate / heavy
☐ 03 Premature rupture of membrane (> 12 hours)
☐ 04 Abruptio placenta
☐ 05 Placenta previa
☐ 06 Other excessive bleeding
☐ 07 Seizures during labor
☐ 08 Precipitous labor (< 3 hours)
☐ 09 Prolonged labor (> 20 hours)
☐ 10 Dysfunctional labor
☐ 11 Breech / Malpresentation
☐ 12 Cephalopelvic disproportion
☐ 13 Cord prolapse
☐ 14 Anesthetic complications
☐ 15 Fetal distress
☐ 00 None
☐ 16 Other ____ (Specify)
☐ 17 Unknown

37. CONGENITAL ANOMALIES OF FETUS (Check all that apply)
☐ 01 Anencephalus
☐ 02 Spina bifida / Meningocele
☐ 03 Hydrocephalus
☐ 04 Microcephalus
☐ 05 Other central nervous system anomalies (Specify) ____
☐ 06 Heart Malformations (Specify) ____
☐ 07 Other circulatory anomalies (Specify) ____
☐ 08 Respiratory anomalies (Specify) ____
☐ 09 Rectal atresia / stenosis
☐ 10 Tracheo-esophageal fistula / esophageal atresia
☐ 11 Omphalocele / Gastroschisis
☐ 12 Other gastrointestinal anomalies (Specify) ____
☐ 13 Malformed genitalia
☐ 14 Renal agenesis
☐ 15 Other urogenital anomalies (Specify) ____
☐ 16 Cleft lip / palate
☐ 17 Polydactyly / Syndactyly / Adactyly
☐ 18 Club foot
☐ 19 Diaphragmatic hernia
☐ 20 Other musculoskeletal / integumental anomalies (Specify) ____
☐ 21 Down's syndrome
☐ 22 Other chromosomal anomalies (Specify) ____
☐ 23 Multiple anomalies
☐ 24 Fetal alcohol syndrome
☐ 00 None
☐ 25 Other (Specify) ____
☐ 26 Unknown

SAMPLE

→ BVRHS-FORM 10 1-1-89

The registration of fetal deaths of more than 20 weeks gestation is required by statute. Since May 1981, the institution where the delivery occurs has had the responsibility for filing a fetal death certificate if the delivery results in a fetal death. Fetal death certificates are to be registered by the fifth day after the delivery and before disposition of the remains. Most deliveries (99%) occur in hospitals and women who miscarry unexpectedly at 20 weeks or more are usually taken to a hospital if they are not already there. Funeral directors are responsible for checking that a fetal death certificate has been filed for all such dispositions they handle.

Limitation of Small Numbers

All statistics are subject to chance variation. Such random variation in a large number of events has little effect on the data for the group; however, random variation in a small number of events may result in a startling change in the data for the group. For example, minor differences in the number of births or deaths in small populations or in the number of deaths from uncommon causes may result in large changes in these rates. Rates for areas of small population or for events with few occurrences should be interpreted with this limitation in mind.

Cause of Death

Cause of death statistics are derived from the medical certification information required by law to be reported on the death or fetal death certificate by the attending physician or medical examiner. The medical certification item on certificates of death and fetal death has provision for reporting three causes of death--immediate, intervening, and underlying, plus additional information related to the cause of death. The cause of death selected for coding and tabulating mortality statistics is the "underlying cause of death," which is generally defined as the disease or injury which initiated the sequence of morbid events leading directly to death.

Occasionally, death certificates are registered with the cause of death information incomplete, inconsistent, or equivocal, and additional information from the certifier is not available. In

such causes, selection and modification rules are used to select the underlying cause of death for statistical purposes. Selection and modification rules which adapt the coding procedures to reporting practices in the United States are published by the Public Health Service, National Center for Health Statistics, in annual editions of the Vital Statistics Instructional Manual. From January 1, 1968 through December 31, 1978, the Eighth Revision International Classification of Diseases was used in classifying the underlying cause of death on Utah's death certificates. Starting January 1, 1979, the Ninth Revision of the International Classification of Diseases has been used to code the underlying cause of death in Utah. Comparability ratios between revisions have been computed by the National Center for health Statistics[1] and have been published in the Utah Vital Statistics, Annual Report: 1980. Comparability ratios for some cause of death codes show extreme variation and utmost caution should be taken in interpreting any cause of death trends that span the Eighth and Ninth Revisions of the International Classification of Disease.

Geographic Bases

Birth and death data can be presented by place of occurrence of the event or by place of usual residence of the individual. For deaths, "place of residence" for the decedent is defined as the usual residence of the decedent. For births, "place of residence" for the child is defined as the usual residence of the mother.

Reallocation of birth and death certificates to the state of residence has been virtually complete on a nationwide basis since 1955. This is made possible by a cooperative program among the states for exchange of copies of certificates of non-resident events for statistical purposes only.

---

[1]"Estimates of Selected Comparability Ratios Based on Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," Monthly Vital Statistics Report, National Center for Health Statistics, DHEW Publication No. (PHS) 80-1120, Vol. 28, No. 11, Supplement, February 29, 1980, Hyattsville, MD, Pages 12-13.

For analytical purposes, sometimes it is meaningful to tabulate accidental deaths by place of occurrence rather than by place of residence. Statistical tabulations of accidental deaths "by place of occurrence" refer to the place where the death occurred, and not the place where the accident occurred. A hypothetical example may help to clarify the above explanation. Assume that a resident of Denver, Colorado, is involved in a motor vehicle accident in Wendover, Nevada, and requires emergency aid of a special nature. The closest available facility is the Tooele Valley Hospital in Tooele, Utah. After arriving at the hospital, the patient succumbs to conditions arising from the accident. In such cases, the "place of occurrence" of the death for statistical purposes would be Tooele, Utah, not Wendover, Nevada; however, there can also be a table of accidental deaths by place where the accident occurred. In this example, this death would be classified as an accidental death to a non-resident which occurred in Utah. The place where the accident occurred would be out-of-state (Wendover, Nevada).

UTAH DEPARTMENT OF HEALTH
BUREAU OF VITAL RECORDS
AND HEALTH STATISTICS
P O BOX 16700
SALT LAKE CITY UT 84116-0700

BULK RATE
U.S. POSTAGE
PAID
PERMIT NO. 4621
Salt Lake City, Utah

JANE HUNT
CONGRESSIONAL INFORMATION SERVICE
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

S7835-1-U

MEMORANDUM

STATE OF UTAH
DEPARTMENT OF HEALTH
BUREAU OF VITAL RECORDS AND HEALTH STATISTICS

DATE: June 30, 1993

TO: Recipients of "Utah's Vital Statistics: 1989," Technical Report, No. 148, March 17, 1992

FROM: John E. Brockert, Director JEB

SUBJECT: Errata

Please replace the attached pages with those in, "Utah's Vital Statistics: 1989," Technical Report, No.148, March 17, 1992:

(1) Table 5, page 6: The correct Census populations on April 1, 1980 were:

State Total	1,461,037
Southeastern Health District	54,124
San Juan County	12,253

(2) Table A-38, pages 79-84.

TABLE 5

CENSUS OF POPULATION AND INTERCENSAL ESTIMATES BY LOCAL HEALTH DISTRICT AND COUNTY: UTAH, APRIL 1, 1980 AND JULY 1, 1980-1989

LOCAL HEALTH DISTRICT AND COUNTY	APRIL 1, 1980 CENSUS	REVISED ESTIMATE BY YEAR								
		1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	1,461,037	1,515,000	1,558,000	1,595,000	1,622,000	1,643,000	1,663,000	1,678,000	1,690,000	1,706,000
BEAR RIVER	92,498	95,450	97,750	100,450	101,300	102,750	104,300	105,650	106,550	107,450
BOX ELDER	33,222	33,800	34,200	34,700	34,900	35,500	36,000	36,300	36,300	36,500
CACHE	57,176	59,400	61,200	63,500	64,300	65,200	66,300	67,500	68,500	69,200
RICH	2,100	2,250	2,350	2,250	2,100	2,050	2,000	1,850	1,750	1,750
CENTRAL UTAH	47,087	48,700	50,150	52,250	54,300	54,900	52,700	51,950	52,000	52,100
JUAB	5,530	5,600	5,700	5,950	6,200	6,300	5,900	5,800	5,800	5,900
MILLARD	8,970	9,450	10,100	10,800	12,400	12,900	12,200	11,400	11,300	11,300
PIUTE	1,329	1,350	1,250	1,300	1,300	1,300	1,300	1,300	1,300	1,300
SANPETE	14,620	15,200	15,800	16,400	16,400	16,300	15,800	15,900	16,000	16,000
SEVIER	14,727	15,100	15,300	15,600	15,800	15,900	15,300	15,400	15,400	15,400
WAYNE	1,911	2,000	2,000	2,200	2,200	2,200	2,200	2,150	2,200	2,200
DAVIS	146,540	153,000	158,000	162,000	166,000	170,000	175,000	179,000	184,000	186,000
SALT LAKE	619,066	641,000	659,000	673,000	686,000	697,000	706,000	710,000	713,000	720,000
SOUTHEASTERN	54,124	56,000	57,650	57,750	55,350	53,400	52,850	52,100	50,950	50,100
CARBON	22,179	23,000	24,300	24,100	23,100	22,800	22,300	21,700	21,100	20,400
EMERY	11,451	12,000	12,700	12,700	11,900	11,100	11,100	10,900	10,500	10,400
GRAND	8,241	8,400	8,150	8,050	7,750	7,200	7,050	6,900	6,750	6,700
SAN JUAN	12,253	12,600	12,500	12,900	12,600	12,300	12,400	12,600	12,600	12,600
SOUTHWEST	55,489	58,350	61,000	64,200	67,050	70,900	75,050	77,550	79,100	81,650
BEAVER	4,378	4,600	4,650	5,000	5,150	5,050	4,950	4,900	4,800	4,800
GARFIELD	3,673	3,700	3,750	3,900	3,900	4,000	4,000	4,000	3,950	4,000
IRON	17,349	18,100	18,600	19,500	20,000	20,100	20,300	20,300	20,100	20,400
KANE	4,024	4,050	4,200	4,500	4,700	4,950	5,100	5,150	5,250	5,250
WASHINGTON	26,065	27,900	29,800	31,300	33,300	36,800	40,700	43,200	45,000	47,200
SUMMIT	10,198	11,100	11,600	12,200	12,800	13,000	13,400	14,200	14,300	15,100
TOOELE	26,033	26,500	26,700	26,800	27,100	27,300	27,000	27,100	26,500	26,500
UINTAH BASIN	33,840	36,050	39,350	41,150	40,750	40,300	39,000	37,400	36,500	35,650
DAGGETT	769	850	850	750	750	700	700	700	700	650
DUCHESNE	12,565	13,100	13,700	14,400	14,800	14,700	14,300	13,700	13,100	12,800
UINTAH	20,506	22,100	24,800	26,000	25,200	24,900	24,000	23,000	22,700	22,200
UTAH COUNTY	218,106	227,000	232,000	238,000	243,000	245,000	247,000	252,000	255,000	258,000
WASATCH	8,523	8,850	8,700	9,100	9,200	9,200	9,450	9,700	9,750	10,000
WEBER-MORGAN	149,533	153,000	156,100	158,100	159,150	159,250	161,250	161,350	162,350	163,450
MORGAN	4,917	5,000	5,100	5,100	5,150	5,250	5,250	5,350	5,350	5,450
WEBER	144,616	148,000	151,000	153,000	154,000	154,000	156,000	156,000	157,000	158,000

NOTES: THE REVISED POPULATION ESTIMATES FOR THE STATE AND COUNTIES ARE FROM "1989 POPULATION ESTIMATES FOR UTAH AND ITS COUNTIES," UTAH ECONOMIC AND BUSINESS REVIEW, 50, 1-2, BUREAU OF ECONOMIC AND BUSINESS RESEARCH, UNIVERSITY OF UTAH, SALT LAKE CITY, JAN-FEB 1990, P. 4.

TABLE A-38

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY															
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
TOTAL		9,223	52	227	316	178	2	697	64	70	28	36	98	59	26	70	34	18
INFECTIOUS AND PARASITIC DISEASE	001-139	143	0	4	3	3	0	7	1	2	0	1	1	1	0	0	1	0
TUBERCULOSIS	010-018	7	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0
SEPTICEMIA	038	55	0	3	1	0	0	2	0	1	0	0	1	1	0	0	1	0
VIRAL HEPATITUS	070	6	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS & PARASITIC DISEASES	001-009, 020-037, 039-066, 071-139	75	0	1	1	1	0	4	0	1	0	1	0	0	0	0	0	0
MALIGNANT NEOPLASMS	140-208	1,857	6	44	56	38	2	161	13	15	5	13	22	14	7	14	5	3
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	20	0	0	0	1	0	2	0	0	0	1	1	0	0	0	0	0
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	439	1	16	14	11	0	30	4	5	3	1	4	4	2	3	0	1
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	337	1	9	5	7	0	22	2	3	1	6	2	2	3	2	1	1
MALIGNANT NEOPLASMS OF BREAST	174-175	175	0	1	5	3	0	14	1	1	1	2	1	2	0	1	1	0
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	282	1	5	10	5	0	26	2	3	0	0	3	2	0	2	1	0
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	76	0	3	3	0	0	6	0	0	0	1	1	0	0	1	0	0
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173, 190-199	297	1	4	6	8	1	34	2	0	0	2	6	4	1	5	0	1
LEUKEMIA	204-208	103	1	3	6	2	0	10	0	3	0	0	3	0	0	0	1	0
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	128	1	3	7	1	1	17	2	0	0	0	1	0	1	0	1	0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	42	0	1	0	2	0	5	0	2	0	1	0	0	0	0	0	0
DIABETES MELLITUS	250	308	0	5	3	5	0	25	3	6	0	0	2	2	0	2	0	1
NUTRITIONAL DEFICIENCIES	260-269	27	0	1	3	0	0	1	0	0	0	0	0	1	0	0	0	0
ANEMIAS	280-285	16	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY															
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
MAJOR CARDIOVASCULAR DISEASES	390-448	3,576	30	100	135	60	0	284	33	22	14	13	35	20	9	25	15	11
DISEASES OF HEART	390-398,402,404-429	2,712	19	84	103	48	0	216	24	19	9	10	27	17	6	18	9	9
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	390-398	53	0	1	0	2	0	4	4	0	0	0	0	0	0	0	0	0
HYPERTENSIVE HEART DISEASE	402	121	0	0	2	1	0	6	0	0	0	0	0	1	0	1	0	0
HYPERTENSIVE HEART AND RENAL DISEASE	404	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISCHEMIC HEART DISEASE	410-414	1,560	15	52	61	22	0	132	12	10	2	3	13	12	5	10	5	4
ACUTE MYOCARDIAL INFARCTION	410	789	6	29	27	9	0	56	8	5	1	1	8	7	1	6	4	3
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	411	9	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0
ANGINA PECTORIS	413	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OLD MYOCARDIAL INFARCTION AND OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	412, 414	760	9	23	33	13	0	76	4	3	1	2	5	5	4	4	1	1
OTHER DISEASES OF ENDOCARDIUM	424	72	0	2	9	0	0	2	1	1	0	0	0	1	0	0	0	0
ALL OTHER FORMS OF HEART DISEASE	415-423, 425-429	902	4	29	31	23	0	72	7	8	7	7	14	3	1	7	4	5
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	401, 403	34	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0
CEREBROVASCULAR DISEASES	430-438	650	9	13	24	10	0	47	8	3	5	1	4	1	3	4	4	2
OCCLUSION OF CEREBRAL ARTERIES	434	68	2	1	1	2	0	7	0	2	0	1	0	0	1	0	0	0
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE	430,433 435-438	582	7	12	23	8	0	40	8	1	5	0	4	1	2	4	4	2
ATHEROSCLEROSIS	440	84	1	2	4	1	0	11	0	0	0	1	2	1	0	2	1	0
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	441-448	96	1	1	4	1	0	9	0	0	0	1	1	1	0	0	1	0
PNEUMONIA AND INFLUENZA	480-487	353	1	4	28	10	0	15	0	2	0	0	2	2	2	5	1	0
PNEUMONIA	480-486	332	1	4	27	7	0	15	0	1	0	0	2	2	2	5	1	0
INFLUENZA	487	21	0	0	1	3	0	0	0	1	0	0	0	0	0	0	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	490-496	392	2	6	8	15	0	10	3	4	0	2	3	2	2	4	4	0
BRONCHITIS, CHRONIC AND UNSPECIFIED	490-491	22	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0
EMPHYSEMA	492	61	0	2	1	1	0	0	0	0	0	0	2	0	0	0	0	0
ASTHMA	493	35	0	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	494-496	274	2	3	6	13	0	8	3	2	0	2	1	2	1	4	4	0
ULCER OF STOMACH AND DUODENUM	531-533	38	0	1	3	0	0	4	0	0	0	0	0	0	0	1	0	1
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	550-553, 560	44	3	1	2	0	0	3	0	0	0	0	2	0	0	0	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS	571	98	1	1	1	1	0	6	0	1	0	0	1	0	0	2	0	0

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		TOTAL	COUNTY															
			BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	574-575	16	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	93	1	4	5	4	0	8	0	1	0	0	1	0	0	0	1	0
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME	580-581	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC GLOMERULONEPHRITIS, NEPHRITIS & NEPHROPATHY NOT SPECIFIED AS ACUTE OR CHRONIC & RENAL SCLEROSIS UNSPECIFIED	582-583, 587	8	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
RENAL FAILURE, DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE	584-586, 588-589	83	1	4	5	4	0	6	0	1	0	0	1	0	0	0	1	0
CONGENITAL ANOMALIES	740-759	122	0	1	5	0	0	11	1	2	0	0	4	1	0	2	0	0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	88	0	1	2	0	0	10	0	0	0	0	0	0	1	0	0	0
BIRTH TRAUMA, INTRAUTERINE HYPOXIA BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME	767-769	17	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-766, 770-779	71	0	1	2	0	0	6	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	780-799	153	0	5	5	2	0	13	0	1	0	0	2	0	0	1	0	0
ACCIDENTS AND ADVERSE EFFECTS	E800-E949	547	1	12	20	20	0	43	1	10	6	1	10	5	1	4	2	0
MOTOR VEHICLE ACCIDENTS	E810-E825	313	0	10	11	13	0	26	0	7	6	1	3	4	1	1	2	0
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS	E800-E807, E826-E949	234	1	2	9	7	0	17	1	3	0	0	7	1	0	3	0	0
SUICIDE	E950-E959	212	3	7	5	5	0	17	1	1	0	1	3	2	0	2	1	0
HOMICIDE AND LEGAL INTERVENTION	E960-E978	54	0	1	0	0	0	2	0	0	1	0	0	0	0	0	0	1
ALL OTHER EXTERNAL CAUSES	E980-E999	50	1	1	1	0	0	3	1	0	1	0	0	0	0	0	0	0
ALL OTHER DISEASES	RESIDUAL	994	3	26	31	13	0	65	7	1	1	4	10	9	4	8	4	1

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
TOTAL		8	3,979	62	126	129	44	183	112	1,084	69	353	22	1,077
INFECTIOUS AND PARASITIC DISEASE	001-039	0	67	1	1	4	1	4	1	21	0	3	2	14
TUBERCULOSIS	010-018	0	2	1	0	0	0	0	0	1	0	0	0	0
SEPTICEMIA	038	0	19	0	1	1	1	2	1	9	0	2	1	8
VIRAL HEPATITUS	070	0	4	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS & PARASITIC DISEASES	001-009, 020-037, 039-066, 071-139	0	42	0	0	3	0	2	0	11	0	1	1	6
MALIGNANT NEOPLASMS	140-208	1	819	10	20	30	5	47	18	181	17	76	2	213
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX	140-149	0	9	1	0	1	0	0	0	3	0	0	0	1
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	150-159	0	195	2	4	3	3	8	6	42	6	20	1	50
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	0	157	0	3	7	0	14	7	26	2	13	0	41
MALIGNANT NEOPLASMS OF BREAST	174-175	0	83	1	0	2	1	6	0	19	3	5	0	22
MALIGNANT NEOPLASMS OF GENITAL ORGANS	179-187	0	124	2	2	7	0	5	3	32	3	10	0	34
MALIGNANT NEOPLASMS OF URINARY ORGANS	188-189	0	36	3	1	1	0	1	0	6	0	2	0	11
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	170-173, 190-199	0	118	0	9	6	0	11	1	31	2	12	1	31
LEUKEMIA	204-208	1	48	0	1	0	0	0	0	11	1	7	0	5
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	200-203	0	49	1	0	3	1	2	1	11	0	7	0	18
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE	210-239	0	19	0	1	1	0	2	1	4	0	0	0	3
DIABETES MELLITUS	250	0	143	1	2	6	0	7	4	42	1	15	0	33
NUTRITIONAL DEFICIENCIES	260-269	0	13	0	0	0	1	0	1	3	0	1	0	2
ANEMIAS	280-285	0	6	0	1	1	1	0	0	2	0	0	0	2

TABLE A-38 (CONTINUED)

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1989

INTERNATIONAL CLASSIFICATION OF DISEASE, 9TH REVISION		COUNTY												
		RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
MAJOR CARDIOVASCULAR DISEASES	390-448	4	1,477	12	54	51	18	64	44	417	23	151	12	443
DISEASES OF HEART	390-398, 402, 404-429	1	1,120	10	42	39	10	46	38	310	17	101	11	349
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	390-398	0	23	1	1	1	0	0	0	5	0	0	1	10
HYPERTENSIVE HEART DISEASE	402	0	88	0	0	0	1	4	0	3	0	5	1	8
HYPERTENSIVE HEART AND RENAL DISEASE	404	0	3	0	0	0	0	0	0	1	0	0	0	0
ISCHEMIC HEART DISEASE	410-414	1	591	6	29	21	6	31	19	182	13	69	4	230
ACUTE MYOCARDIAL INFARCTION	410	0	277	4	26	15	4	13	11	100	8	42	2	116
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	411	1	4	0	0	0	0	0	0	1	0	0	0	0
ANGINA PECTORIS	413	0	1	0	0	0	0	0	0	1	0	0	0	0
OLD MYOCARDIAL INFARCTION AND OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	412, 414	0	309	2	3	6	2	18	8	80	5	27	2	114
OTHER DISEASES OF ENDOCARDIUM	424	0	30	1	1	1	0	0	4	9	0	2	0	8
ALL OTHER FORMS OF HEART DISEASE	415-423, 425-429	0	385	2	11	16	3	11	15	110	4	25	5	93
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	401, 403	0	20	0	0	0	0	2	0	4	0	1	0	3
CEREBROVASCULAR DISEASES	430-438	3	265	2	11	11	4	13	4	81	5	38	1	74
OCCLUSION OF CEREBRAL ARTERIES	434	0	29	0	1	0	0	0	1	5	1	4	0	10
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE	430,433 435-438	3	236	2	10	11	4	13	3	76	4	34	1	64
ATHEROSCLEROSIS	440	0	27	0	0	0	3	1	1	11	1	5	0	9
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	441-448	0	45	0	1	1	1	2	1	11	0	6	0	8
PNEUMONIA AND INFLUENZA	480-487	1	137	2	6	6	3	5	1	44	4	15	0	57
PNEUMONIA	480-486	0	127	2	6	6	3	5	1	44	4	11	0	56
INFLUENZA	487	1	10	0	0	0	0	0	0	0	0	4	0	1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	490-496	0	182	4	2	5	1	8	9	48	3	13	2	50
BRONCHITIS, CHRONIC AND UNSPECIFIED	490-491	0	10	1	0	0	0	2	0	4	0	0	0	1
EMPHYSEMA	492	0	17	1	1	1	0	1	6	9	1	2	0	16
ASTHMA	493	0	16	0	0	1	1	1	0	7	1	3	1	0
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	494-496	0	139	2	1	3	0	4	3	28	1	8	1	33
ULCER OF STOMACH AND DUODENUM	531-533	0	11	0	3	0	0	0	0	7	1	1	0	5
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	550-553,560	0	19	0	0	0	0	0	0	9	0	2	0	3
CHRONIC LIVER DISEASE & CIRRHOSIS	571	0	60	0	2	1	0	2	0	4	1	1	0	13